

[0055] The predicted amino acid sequence can then be verified from such deposits. Moreover, the amino acid sequence of the protein encoded by a particular clone can also be directly determined by peptide sequencing or by expressing the protein in a suitable host cell containing the deposited human cDNA, collecting the protein, and determining its sequence.

*RACE Protocol For Recovery of Full-Length Genes*

[0056] Partial cDNA clones can be made full-length by utilizing the rapid amplification of cDNA ends (RACE) procedure described in Frohman, M.A., et al., Proc. Nat'l. Acad. Sci. USA, 85:8998-9002 (1988). A cDNA clone missing either the 5' or 3' end can be reconstructed to include the absent base pairs extending to the translational start or stop codon, respectively. In some cases, cDNAs are missing the start codon of translation. The following briefly describes a modification of this original 5' RACE procedure. Poly A<sup>+</sup> or total RNA is reverse transcribed with Superscript II (Gibco/BRL) and an antisense or complementary primer specific to the cDNA sequence. The primer is removed from the reaction with a Microcon Concentrator (Amicon). The first-strand cDNA is then tailed with dATP and terminal deoxynucleotide transferase (Gibco/BRL). Thus, an anchor sequence is produced which is needed for PCR amplification. The second strand is synthesized from the dA-tail in PCR buffer, Taq DNA polymerase (Perkin-Elmer Cetus), an oligo-dT primer containing three adjacent restriction sites (XhoI, SalI and ClaI) at the 5' end and a primer containing just these restriction sites. This double-stranded cDNA is PCR amplified for 40 cycles with the same primers as well as a nested cDNA-specific antisense primer. The PCR products are size-separated on an ethidium bromide-agarose gel and the region of gel containing cDNA products the predicted size of missing protein-coding DNA is removed. cDNA is purified from the agarose with the Magic PCR Prep kit (Promega), restriction digested with XhoI or SalI, and ligated to a plasmid such as pBluescript SKII (Stratagene) at XhoI and EcoRV sites. This DNA is transformed into bacteria and the plasmid clones sequenced to identify the correct protein-coding inserts. Correct 5' ends are confirmed by comparing this sequence with the putatively identified homologue and overlap with the partial cDNA clone. Similar methods known in the art and/or commercial kits are used to amplify and recover 3' ends.

[0057] Several quality-controlled kits are commercially available for purchase. Similar reagents and methods to those above are supplied in kit form from Gibco/BRL for both 5' and 3' RACE for recovery of full length genes. A second kit is available from Clontech which is a modification of a related technique, SLIC (single-stranded ligation to single-stranded cDNA), developed by Dumas et al., Nucleic Acids Res., 19:5227-32 (1991). The major differences in procedure are that the RNA is alkaline hydrolyzed after reverse transcription and RNA ligase is used to join a restriction site-containing anchor primer to the first-strand cDNA. This obviates the necessity for the dA-tailing reaction which results in a polyT stretch that is difficult to sequence past.

[0058] An alternative to generating 5' or 3' cDNA from RNA is to use cDNA library double-stranded DNA. An asymmetric PCR-amplified antisense cDNA strand is synthesized with an antisense cDNA-specific primer and a plasmid-anchored primer. These primers are removed and a symmetric PCR reaction is performed with a nested cDNA-specific antisense primer and the plasmid-anchored primer.

#### *RNA Ligase Protocol For Generating The 5' or 3' End Sequences To Obtain Full Length Genes*

[0059] Once a gene of interest is identified, several methods are available for the identification of the 5' or 3' portions of the gene which may not be present in the original cDNA plasmid. These methods include, but are not limited to, filter probing, clone enrichment using specific probes and protocols similar and identical to 5' and 3' RACE. While the full length gene may be present in the library and can be identified by probing, a useful method for generating the 5' or 3' end is to use the existing sequence information from the original cDNA to generate the missing information. A method similar to 5' RACE is available for generating the missing 5' end of a desired full-length gene. (This method was published by Fromont-Racine et al., Nucleic Acids Res., 21(7):1683-1684 (1993)). Briefly, a specific RNA oligonucleotide is ligated to the 5' ends of a population of RNA presumably containing full-length gene RNA transcript. A primer set containing a primer specific to the ligated RNA oligonucleotide and a primer specific to a known sequence of the gene of interest, is used to PCR amplify the 5' portion of the desired full length gene which may then be sequenced and used to generate the full length gene. This



method starts with total RNA isolated from the desired source, poly A RNA may be used but is not a prerequisite for this procedure. The RNA preparation may then be treated with phosphatase if necessary to eliminate 5' phosphate groups on degraded or damaged RNA which may interfere with the later RNA ligase step. The phosphatase if used is then inactivated and the RNA is treated with tobacco acid pyrophosphatase in order to remove the cap structure present at the 5' ends of messenger RNAs. This reaction leaves a 5' phosphate group at the 5' end of the cap cleaved RNA which can then be ligated to an RNA oligonucleotide using T4 RNA ligase. This modified RNA preparation can then be used as a template for first strand cDNA synthesis using a gene specific oligonucleotide. The first strand synthesis reaction can then be used as a template for PCR amplification of the desired 5' end using a primer specific to the ligated RNA oligonucleotide and a primer specific to the known sequence of the ovarian antigen of interest. The resultant product is then sequenced and analyzed to confirm that the 5' end sequence belongs to the relevant ovarian antigen.

[0060] The present invention also relates to vectors or plasmids, which include such DNA sequences, as well as the use of the DNA sequences. The material deposited with the ATCC (deposited with the ATCC on June 5, 2000 and were given ATCC Deposit Nos. PTA-1982 and PTA-1985; and/or as set forth, for example, in Table 1, 6 and 7) is a mixture of cDNA clones derived from a variety of human tissue and cloned in either a plasmid vector or a phage vector, as shown, for example, in Table 7. These deposits are referred to as "the deposits" herein. The tissues from which some of the clones were derived are listed in Table 7, and the vector in which the corresponding cDNA is contained is also indicated in Table 7. The deposited material includes cDNA clones corresponding to SEQ ID NO:X described, for example, in Table 1 (Clone ID NO:Z). A clone which is isolatable from the ATCC Deposits by use of a sequence listed as SEQ ID NO:X, may include the entire coding region of a human gene or in other cases such clone may include a substantial portion of the coding region of a human gene. Furthermore, although the sequence listing may in some instances list only a portion of the DNA sequence in a clone included in the ATCC Deposits, it is well within the ability of one skilled in the art to sequence the DNA included in a clone contained in the ATCC Deposits by use of a sequence (or portion thereof) described in, for example Tables 1A or

2 by procedures hereinafter further described, and others apparent to those skilled in the art.

[0061] Also provided in Table 7 is the name of the vector which contains the cDNA clone. Each vector is routinely used in the art. The following additional information is provided for convenience.

[0062] Vectors Lambda Zap (U.S. Patent Nos. 5,128,256 and 5,286,636), Uni-Zap XR (U.S. Patent Nos. 5,128,256 and 5,286,636), Zap Express (U.S. Patent Nos. 5,128,256 and 5,286,636), pBluescript (pBS) (Short, J. M. et al., *Nucleic Acids Res.* 16:7583-7600 (1988); Alting-Mees, M. A. and Short, J. M., *Nucleic Acids Res.* 17:9494 (1989)) and pBK (Alting-Mees, M. A. et al., *Strategies* 5:58-61 (1992)) are commercially available from Stratagene Cloning Systems, Inc., 11011 N. Torrey Pines Road, La Jolla, CA, 92037. pBS contains an ampicillin resistance gene and pBK contains a neomycin resistance gene. Phagemid pBS may be excised from the Lambda Zap and Uni-Zap XR vectors, and phagemid pBK may be excised from the Zap Express vector. Both phagemids may be transformed into *E. coli* strain XL-1 Blue, also available from Stratagene.

[0063] Vectors pSport1, pCMVSPORT 1.0, pCMVSPORT 2.0 and pCMVSPORT 3.0, were obtained from Life Technologies, Inc., P. O. Box 6009, Gaithersburg, MD 20897. All Sport vectors contain an ampicillin resistance gene and may be transformed into *E. coli* strain DH10B, also available from Life Technologies. See, for instance, Gruber, C. E., et al., *Focus* 15:59- (1993). Vector lacmid BA (Bento Soares, Columbia University, New York, NY) contains an ampicillin resistance gene and can be transformed into *E. coli* strain XL-1 Blue. Vector pCR<sup>®</sup>2.1, which is available from Invitrogen, 1600 Faraday Avenue, Carlsbad, CA 92008, contains an ampicillin resistance gene and may be transformed into *E. coli* strain DH10B, available from Life Technologies. See, for instance, Clark, J. M., *Nuc. Acids Res.* 16:9677-9686 (1988) and Mead, D. et al., *Bio/Technology* 9: (1991).

[0064] The present invention also relates to the genes corresponding to SEQ ID NO:X, SEQ ID NO:Y, and/or the deposited clone (Clone ID NO:Z). The corresponding gene can be isolated in accordance with known methods using the sequence information disclosed herein. Such methods include preparing probes or primers from the disclosed

sequence and identifying or amplifying the corresponding gene from appropriate sources of genomic material.

[0065] Also provided in the present invention are allelic variants, orthologs, and/or species homologs. Procedures known in the art can be used to obtain full-length genes, allelic variants, splice variants, full-length coding portions, orthologs, and/or species homologs of ovarian associated genes corresponding to SEQ ID NO:X or the complement thereof, polypeptides encoded by SEQ ID NO:X or the complement thereof, and/or the cDNA contained in Clone ID NO:Z, using information from the sequences disclosed herein or the clones deposited with the ATCC. For example, allelic variants and/or species homologs may be isolated and identified by making suitable probes or primers from the sequences provided herein and screening a suitable nucleic acid source for allelic variants and/or the desired homologue.

[0066] The polypeptides of the invention can be prepared in any suitable manner. Such polypeptides include isolated naturally occurring polypeptides, recombinantly produced polypeptides, synthetically produced polypeptides, or polypeptides produced by a combination of these methods. Means for preparing such polypeptides are well understood in the art.

[0067] The polypeptides may be in the form of the secreted protein, including the mature form, or may be a part of a larger protein, such as a fusion protein (see below). It is often advantageous to include an additional amino acid sequence which contains secretory or leader sequences, pro-sequences, sequences which aid in purification, such as multiple histidine residues, or an additional sequence for stability during recombinant production.

[0068] The polypeptides of the present invention are preferably provided in an isolated form, and preferably are substantially purified. A recombinantly produced version of a polypeptide, including the secreted polypeptide, can be substantially purified using techniques described herein or otherwise known in the art, such as, for example, by the one-step method described in Smith and Johnson, Gene 67:31-40 (1988). Polypeptides of the invention also can be purified from natural, synthetic or recombinant sources using techniques described herein or otherwise known in the art, such as, for

example, antibodies of the invention raised against the ovarian polypeptides of the present invention in methods which are well known in the art.

[0069] The present invention provides a polynucleotide comprising, or alternatively consisting of, the nucleic acid sequence of SEQ ID NO:X, and/or the cDNA sequence contained in Clone ID NO:Z. The present invention also provides a polypeptide comprising, or alternatively, consisting of, the polypeptide sequence of SEQ ID NO:Y, a polypeptide encoded by SEQ ID NO:X or a complement thereof, and/or a polypeptide encoded by the cDNA contained in Clone ID NO:Z. Polynucleotides encoding a polypeptide comprising, or alternatively consisting of the polypeptide sequence of SEQ ID NO:Y, a polypeptide encoded by SEQ ID NO:X, and/or a polypeptide encoded by the cDNA contained in Clone ID NO:Z are also encompassed by the invention. The present invention further encompasses a polynucleotide comprising, or alternatively consisting of, the complement of the nucleic acid sequence of SEQ ID NO:X, a nucleic acid sequence encoding a polypeptide encoded by the complement of the nucleic acid sequence of SEQ ID NO:X, and/or the cDNA contained in Clone ID NO:Z.

[0070] Many polynucleotide sequences, such as EST sequences, are publicly available and accessible through sequence databases and may have been publicly available prior to conception of the present invention. Preferably, such related polynucleotides are specifically excluded from the scope of the present invention. Accordingly, for each contig sequence (SEQ ID NO:X) listed in the third column of Table 1, preferably excluded are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 and the final nucleotide minus 15 of SEQ ID NO:X, b is an integer of 15 to the final nucleotide of SEQ ID NO:X, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:X, and where b is greater than or equal to a + 14. More specifically, preferably excluded are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a and b are integers as defined in columns 4 and 5, respectively, of Table 3. In specific embodiments, the polynucleotides of the invention do not consist of at least one, two, three, four, five, ten, or more of the specific polynucleotide sequences referenced by the Genbank Accession No. as disclosed in column 6 of Table 3. In further embodiments, preferably excluded from the invention are the specific polynucleotide

sequence(s) contained in the clones corresponding to at least one, two, three, four, five, ten, or more of the available material having the accession numbers identified in the sixth column of this Table. In no way is this listing meant to encompass all of the sequences which may be excluded by the general formula, it is just a representative example. All references available through these accessions are hereby incorporated by reference in their entirety.

TABLE 3

Clone ID NO: Z	SEQ ID NO: X	Contig ID:	EST Disclaimer Range of a Range of b	Accession #'s
HOVCD34	11	396327	1 - 314 15 - 328	BF032064, T40388, BG223493, AI917132, BF526832, AI554435, H86931, AC007262, AC026722, Z98742, AP000115, AL121969, AL159996, AP001717, AL353771, AL354674, AL353802, AL031846, AP000308, AL139343, Z97629, AC010135, AL049832, AP000048, AL020995, AC011292, AC007955, AL356103, AC004938, AC002492, AC068811, AC023511, AL008721, AC011749, AL024473, AC006354, AC002351, Z93015, AC007172, AC005230, AL139342, AF165926, AL121902, AC007025, AC005181, AL158841, AC011742, AL163201, AC009024, AC008269, AL139277, AC007964, AC007938, AF205588, AL139185, AC006478, AC007784, AL034395, AL136000, AC007344, AC010731, AL122013, AC002288, AL359751, AL121721, AC066590, AL139232, AC024164, AL031662, AC007358, AC009481, AL050335, AL033533, AC010789, AC009498, AC007850, AL020998, AC018684, AL034451, AL135783, AC008066, AC005030, AL049562, AL138706, Z95125, AC007461, AC011475, AL117337, AL117694, AL121915, AL049776, AL078596, AL035089, AL096764, AL049563, AC002553, AL035067, AC007458, AC018642, AC005550, Z99496, Z98036, Z99291, AC003119, AC007446, AC020751, AC068314, AC003035, X87344, AC066598, AC073175, AL139351, AC012156, AC006314, AC010582, AC018832, AC006142, AL139353, and AL163247.
HEBGDS8	12	498281	1 - 340 15 - 354	BG253988, BF508504, AA187211, H44280, BG251021, AA431830, AW962811, AA355921, H06638, BG259131, AV729233, BG119160, BG027014, T48526, AW298232, and AL138828.
HETCD42	13	533532	1 - 2333 15 - 2347	AL079360, AU137870, AU139146, BG260515, AV714769, AU137391, BF984453, AV713475, AV757390, AU138193, BF981793, AV713896, BE886752, BE889586, AW863749, BE882133, BF984505, BF983192, BG033275, BE537808, AU138496, BF978549, BF791293, AV758458, BF978970, BE897839, BE891773, BG028552, AV756779, BF348380, BE544852, BG180994, AU138423, BE783926, BE790149, AV647651, BG180514, BE886542, BF669771, AW950287, BG030964, AU133929, BF540824, BF672669, AI308837, BE882889, BF244654, BF666694, AV647698, BG169993, BF790368, AV723145, AV732863, AA122236, AV647695, AV715522, AV685920, BF028308, AV647569, BF105115, BE892120, BF695056, BF669431, BF436129, BE543091, AW363937, BF667030, AI740603, BE568179, AV715544, AL698125, AI678683, BE748490, AW299845, BG009598, AI766040, BF036918, AA911996, BF790701, AI740699, BF129905, BF695828, BE748787, BF694681, BE049332, BE501459, BF791119, BF242503, BF240540, AI566017, BE739216, AI862778, BF103607, BF383055, BF089920, BF383113, BF574696, AW439230, BF028165, AI992130, BF029869, BF214255, AA083269, BF692328,

					<p>BF028909, BF028950, N31326, BF670821, BF211706, BF701480, BF670811, BE866031, AI917193, AI570519, BE568353, AI095016, BF130290, BF245935, AA731991, BE789179, BE018220, BE789659, AV706901, BE873916, AI784504, AU157511, AU157154, AA807683, BF214737, BE866674, AA521441, BF697291, AI097040, AA159802, AU155086, BF576547, BF001380, AA577000, BF576765, AI421580, BE042461, AA315644, BF241476, BG165631, AI954071, AI949499, BF001429, BG178240, AI088027, BF693411, BE866506, BF243338, BF238642, BF213391, BF693271, AI590159, BE564554, AI870962, AA291279, BF696346, AI683299, AA452797, BF691651, BF697614, BF574483, AI335173, BF574392, AI922454, BE789946, AA613953, BE301705, W46431, AI983758, BE138832, BF381737, BE568565, BF126639, N21374, BF793733, AV757543, BE175751, BF211165, BF693918, BF383115, BF575927, AA083228, AA626504, BE568752, BF993159, BF248184, AI274752, AV647219, AW514125, AI580851, AI302371, AV758280, W52465, AW339075, AW627843, AW589504, AA729798, AA165015, AI301712, BF923406, BG025081, AI095888, BF132421, BE865839, H12391, AW193393, BG113656, AI750428, N35068, AW628469, BF381687, AA018858, AI537545, AI539228, AV647526, BE739676, BF244248, N43807, AI355889, BF219513, AW305167, AA248634, BF670216, BF208900, D58212, BF576833, BE567828, AV692522, AW316752, AV763220, AA249298, BF221484, BE247748, BF336472, BE567395, AV704009, BF336476, AC002543, U03851, U03269, U16741, M80589, and M25534.</p>
HTXKC18	14	535854	1 - 864	15 - 878	<p>AA547979, AI085242, BG029528, BF725761, BE162539, AI801505, AI358712, BF804385, AI369580, AI037714, AI079734, BE062478, AA483256, BF811714, BF681619, BF804359, BG180976, BE178231, AV760941, BE252421, AW021116, AI439372, AA594157, AV758870, AW819125, AL043351, BE062476, AA643770, AI583252, AI923052, BE178064, AI440117, AV760391, AL038606, AV741663, AA528503, AW855643, BE301584, AA528496, AW069227, AW969941, AW833865, AI380617, AA579419, AV760014, BF868994, AI612142, BF842771, AV760389, AI251576, AW023111, AL037683, AW827182, AL040038, AW237905, BE677029, AI491765, AL042373, AI499298, AI421755, AW020150, AI174876, AI821467, AA469327, AI612070, BF244530, AW855528, BE063437, AW779609, AI583466, AA812058, BF821009, AV763276, AV726091, BF821897, BG152386, AI611533, AI565084, AA832016, AA828047, AA857812, AI275982, AI610941, BE150580, AI299882, AV760915, AI301373, AA838091, AI457389, T74524, AL121655, AC005520, AC006312, AL356379, AC008569, AL024498, AC007546, AC020904, AC018758, AL158040, AC005911, AC024082, AL109804, AC007637, AC005940, AC004089, AP001435, AC011449, AL096840, AC005102, AC004867, AC021016, AL121586, AL034548, AC004967, AC005736, AC005480, AC008403, AC003684, AC009516, AC020916, U91321, AC005755, AI136137, AP000704, AL050318, AC005531, AF168787, AC002350, AC005387, AC005952, AC010271, AC007731, AC005412, AC020552, AC002312, AC008753, AL034379, AL121653, AC005197, AL157838, AC008551, AL138787, AC005971, AC004217, AC007597, AF045555, AC018720, AL355385, AC006597,</p>

					AL138878, AC024075, Z93015, AC005071, AC011491, AC005015, AC005519, AC005500, AC021999, AC018755, AC008482, Z85996, AP001717, AC005684, AP000088, AC005225, AL022163, AL117258, AC004084, U80017, AL031659, AC011455, AF243527, AC004752, AC003109, AF053356, AC011514, AC005081, AL022323, AC020906, AC025430, AP000553, AP000558, AC004895, AP000503, AP001694, AP001725, AL035249, AC009123, AC000025, AC002316, AC004841, AC000353, AL161670, AC005274, AL136418, AL023807, AP001711, Y10196, AL162615, AL121658, L41140, AC005089, AC020663, AC004887, AC010618, AC002477, AC005082, U95740, AC005839, AL136295, AC011495, AC010458, AC008745, AC009032, AC005031, AP000501, AF109907, AC004878, AL157938, AL353748, AL109627, AP001726, AL137073, AL133355, AC020754, AC001450, AC006014, AL139353, AC005231, AL109935, AL121845, AF001549, AC006330, AC011484, AC002565, AL138706, AC009079, AC004475, AC006571, AC007384, AL031680, AC011497, AC005488, AC007308, AC004166, AF030453, AC007383, AL445248, AC004673, AL138976, AP000045, AD000092, AL079342, AC006483, AC002073, AC011489, AL109797, AL136304, AL023553, AC006344, AL121652, AC007739, AC010463, AC008055, AC007679, AL136300, AC005484, AP000692, AC007242, AC005098, AC010605, AL109930, AP000557, AC011480, AC005778, AL049840, AC009756, AL035681, AC005011, AC002400, AL135744, AC004019, AC005103, AC011442, AC008537, AC002476, AC002470, AC003101, AL121675, U62293, Z83844, AL138756, AC010553, AC005057, AC006064, AC008616, AL080243, AF001548, AL133353, AC006241, AP001630, AC008812, AC006057, AL078461, Z95115, AL117377, AL139289, AC004601, AX039602, AC005080, AC005837, AC007537, AC002425, Z83822, AC004150, AC004815, AL034417, AC006388, AC008474, AC005037, AC008395, AL132987, AL050335, AC005236, AC002492, AC004477, AL035072, AL135787, AP000113, AF047825, AL137222, AL031666, AL034420, U47924, AC004890, AC011895, AL133448, and AL008719.
HLDRK20	15	553765	1 - 1300	15 - 1314	AL531625, BE249834, BE249869, AU133584, AU133954, BE293561, AV692312, AW957051, BE293519, AU135103, AA399208, AW176043, AV690099, AI904273, T60502, BF374345, AV655442, AW804571, AW804603, T70509, AV688378, H47199, H93928, AV694565, AV694238, T68223, T68956, T68126, T68045, AA337893, T69698, AW804991, AW804996, T68924, AW372297, T72305, AV696946, AV696947, AI301941, AA3444625, T71155, T72771, T56196, T73042, BF992875, AI133687, BE392020, AV693194, BF848482, AW104835, BF369544, T74806, AI363265, T68644, T60607, AA779168, T68483, T67851, AV647855, T73703, AI266591, AR034619, S67310, L15702, X72875, AX014918, AF019413, X00284, K01566, M15082, and M59240.
H2MBD33	16	558474	1 - 425	15 - 439	AW957931, AW957932, AA308306, AI633677, BE538201, BE044997, AW856247, BF061419, BE787771, AW874580, AA503529, AW117709, AI613324, AI561159, AI732205, AA133693, AA747898, AU160258, Z19706, AA405171, AU156212, BG231867, AI498698, AA579013, U88573, A75315, AC016816, X87344, AC000117, AC004506, AC004522, AC004899,



HSYBX61	17	558708	1 - 1094	15 - 1108	AC005075, AC005919, AL122002, AC019172, AC004977, AC008444, AC005771, AL160237, AC004066, AC025614, U73642, AC006024, AL359833, AJ009614, AC010470, AL021939, AL138773, AC009037, AC016941, AC013246, AL445189, AC010458, AC027329, AL121950, Z83313, AL049648, AL109921, and AC007368.
					AI950214, AI074445, BG114649, BF666951, AV705261, AI050761, BF215604, BF700368, AW665220, BF247160, BE958106, BF668544, AW901579, AA863199, BG105211, AW901581, AA933061, BF691307, BF081566, AU153641, W48793, BE701906, AW901558, BF363888, W49619, AA757163, AI127140, BF363884, BE812771, AW901562, AA406401, AU127328, AU120201, AW901572, BE701904, AV694302, AW901560, AW951188, BE938964, W24640, BE701884, AI207705, AW360819, AL041311, AW360785, T29223, AI765920, BF382797, AA747483, AW136630, N83358, R38385, AW900970, BF970590, BF885816, AW899304, N87392, AA693316, N89144, AI675151, AW900934, BF529885, BE767210, AI754509, BE464612, BG167754, M34064, X57548, X53615, S42303, AB017695, AB008811, M31131, AF097593, X07277, S45013, X54315, S45011, AF177682, Z27439, Z27440, and Z27441.
HELHC03	18 -	562745	1 - 1161	15 - 1175	BE262771, AI024014, H91016, H90904, AV695478, BE138594, AL036909, AI560085, AI537397, AI630283, AA744018, AV756491, AL038842, T74524, AW023302, AI888468, AI076236, AA181917, AA468022, AI678867, BE147833, AW965008, AC005048, AC005726, AC006050, AL139182, AL121893, AC005829, AL078591, U91323, Z84469, AL162615, AF196969, AC006337, AC011470, AL031777, AC005102, AL135901, Z93241, AC007934, AC005670, AC007263, AL353804, AC004895, AC004963, AL121891, AL050349, AC004906, AC000025, AC004983, AL117382, AC006011, AL034422, AP000563, AL354896, AL139099, AC008760, AB003151, AL157789, AC003070, AL049872, AC005412, AL162430, AC005859, AP000558, AP000065, AC011500, AL050332, AC011479, AC018738, AC005527, AL158141, AC009516, AP001711, AC005529, AL356354, AC007686, AC000379, AL109797, AL135744, AC002115, AC002546, AC005080, AC011455, AL008635, AL133417, Z95114, AC007785, AC004634, AP000501, AC007216, AC018751, AF053356, AC002312, Z97985, AC002550, AC005236, AL049795, AC010553, AL049780, AC005052, AL138807, AC005482, AF111168, AC005081, AC011442, AL445248, AC007055, AC036103, AC002425, AP000313, AL109743, AF088219, AC002091, AC010201, AC006552, AL133228, AC005840, AL137060, AC009399, AL050318, AC002301, AC007130, AL118520, AC006483, AP000133, AC010422, AL031575, AC011475, AC011523, AC007201, AC004916, AF109907, AF168787, AC006071, AL365212, AC004694, AC027319, AL133548, AC011495, Z94801, Z98884, AC002404, AC002395, AC008085, AP000194, AC004858, AL136298, AC018719, AL138893, AC011527, AC002369, AC011592, AL356750, AL389886, AC005409, AC008770, Z94056, AP000350, AL133153, AL132653, AC015651, AL031846, AL162424, AC083874, AC005755, AC004031, AC016831, AP001714, AC005015, AC007465, AP000555, AC008537, U91326, AC020947, AC020908,

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HOFMP70	19	585385	1 - 333	15 - 347		AUI29119, AUI32116, AUI22873, BF985587, BE880467, AUI34725, BF763276, AUI27421, BF986272, BF752117, BF679945, AUI31326, AUI39214, AA314523, AA852641, AUI29752, AA307371, BF696550, AUI30590, AUI18964, BG178180, AUI31491, BF669193, AUI36184, BF985661, BE410823, T68678, BF749656, AW239136, AA242999, BE620262, BF698331, AA375736, BE782468, BF965316, BF327652, BE876259, BE875957, BE796542, BE620043, BE389731, BE790649, T07406, BF570489, BE785080, BE745306, BF681401, AW579861, BF985601, AUI28901, BE156508, AL036766, AUI28389, AA375047, BF107335, BF985580, BG171811, T71831, BF985602, BF903411, T71811, AA362982, AV750113, AA092055, BE732006, BE731395, AUI27766, BE156632, BE733317, BE273157, BF733809, AL044046, AW455795, BF107170, BF752590, AW363271, U01153, X15187, AK025459, X90848, Y09136, X76301, S74939, M26596, M33716, and AR032000.
HSKNZ25	20	585675	1 - 674	15 - 688		AI423388, AA705880, BF525904, AA349525, AA488891, AA836122, BF348027, AA465431, AI310146, AI302088, AA584447, AW968376, N46920, AI986100, BF753058, BE160619, AI077517, AL040766, AA890243, BE244498, AA325569, BE160856, AA771925, AA489237, AA126066, AV656598, AW372110, AW137313, AL039325, BF959941, AA046254, AW136539, BE072182, AA465360, AA917759, AW962078, AW816387, BE935535, AA573136, AW517075, BF903430, R45086, AW797195, AI368519, AA078308, AI022603, AI354688, BF761820, AI565643, AA810621, W87764, AW852367, BE149694, AV653343, BG010915, BF989770, BF762909, BF834278, BF897554, BF929290, AW861486, AI052645, AA280250, BF857730, BF857711, AW857610, AW857593, BE729724, AL118895, AW857604, AW938518, BE142184, BG105313, AA077547, AA577804, AA496279, BE089188, BE142866, BE142936, BE161095, AW888812, AW857605, AW945790, BF750582, BF813834, AI651771, BE089952, AW898784, AW845700, BE393138, AW902136, AW845696, BF953515, AL024458, AC005562, AC007204, AL031228, AL035246, AC012309, AC010632, AC003975, AC011460, AC007275, AC008821, AL445249, D28126, AC009489, AL122001, AC003682, AL121905, AC008537, AL136317, AL139277, AL022318, AC078899, AC002301, AL360088, AP000346, AC022137, AL033526, AC068948, AL133162, AL121985, AC006504, AC019173, AL132656, AC000397, Z95704, AC010328, AC008176, AC073898, AL161802, AL121932, AC006462, AL365505, AL031775, AP000431, AP001675, AC022148, AC008969, AC074331, AL035458, AL078614, AP001464, AC004976, AL109943, AC022596, AP000498, AL163202, AB026898, AL137070, AC008554, AL136419, AC010889, AC002049,

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HDPFK39	21	588869	1 - 736	15 - 750	BF892783, BF894772, BE243071, BF892143, BF892796, BF892140, BF899235, M18044, J03925, J04145, AF268593, S52159, S52157, S52153, S52154, S52152, S52161, I19138, M76724, S52155, M82856, and U59801.
HL1AB07	22	638220	1 - 870	15 - 884	AW410018, AI956068, AI140111, BE902158, BE410544, BE559955, AW009487, AW006443, BF237868, AV714206, AI301924, AI494409, AV717288, BG256432, BF976795, BG166509, AW080966, BE619019, W52136, AV709106, BE619682, AI189286, BE566002, AW084868, AI687212, AV711092, BF697110, BE567660, BE409695, AV710866, AI801202, AI032877, AW410017, BE568300, AI262521, BE963864, AI523891, AI184261, AV691952, BE091071, AV746007, AI566878, AA151257, AI144492, AA826477, AW083498, BE787965, BF851971, BE535774, AW410030, AI399980, N36966, BF435067, AI809283, AI018420, BF967855, AI819520, W30822, AI128356, AI025970, BE672642, BF081971, BF081981, AI880707, AA127920, AW779049, BF676071, AI206487, AW471111, AW028734, AV762883, AI150971, BF881900, AA889268, AA887476, BF858077, N36122, AI190417, AI127953, BF696643, AA843205, N38925, AI566572, AI066676, BE931182, AI990970, BE879114, BF028182, W37751, AA730086, H48432, C18042, AA142846, AI139565, AI688339, AA679046, AA588794, AA127971, AV716260, AA001534, AA719696, AI074105, AA642642, N42965, AV762116, AI375763, N47999, W67531, AV723563, AI627627, AA494298, AA973740,

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HHGAS83	23	654868	1 - 833	15 - 847	<p>AL533363, AW156912, AI816293, BG178409, AL533268, BE780411, AW157766, AI798138, AI963352, AI928783, AW262125, BE791202, AV759165, AI674833, AI039883, AW162562, BG178768, BE877936, AV722302, BF571229, BF339857, AI830091, BF126571, BF674685, AI986467, AW148939, BF345205, AV711322, BG236045, AW272546, BE872856, AV723940, BG163828, BF967950, BE745145, AA572799, BE899054, BE615020, AW161689, BF529506, AI206529, W93860, AL533542, BE799051, BG232073, AI200704, BF973309, BF679748, BF974878, AI199823, AI817392, BF184997, BF967861, AV710824, BF338381, N25541, AA669821, AV702224, BF528571, BF530905, AA593762, AW157587, AW157474, AA128267, BF974287, AV711487, AW029137, AA577607, AV707789, AA864492, AV733623, AI077676, AA576598, AA575898, AA708990, AA843178, AI338574, BF239951, BF820971, AI832599, AI139644, BE273067, AI745646, AI340072, BF210950, BE165278, BF206608, BE614815, BE165293, BE165267, BF700461, BF821744, AI276918, BE165274, BE165284, BE874868, AI630859, BE165285, BE165295, BE165281, BE165287, BE165289, BE165094, BE165276, BE165272, BE165273, BE165275, BE165110, BE165296, BE165286, BE165277, BE165157, BE165165, BE165084, BE165294, BE165290, BE165087, BE165271, BE165077, BE165089, AV734637, BF351286, BE165095, BF772629, BE165270, BF339501, BE165078, BE844143, BE165088, BE165099, AA814150, BE122846, BF967319, BE810478, BF342269, AW386221, BE165090, BE279632, BE165085, BF351288, BE165116, BE165091, BE165098, AI139451, AI673724, N34138, BE165092, AA970318, AA506290, W67498,</p>

					<p>BF770073, BF216394, BF680640, BE793193, BE165292, BE938895, BF9244501, AV733983, BE763913, H42152, BF820364, AI923629, W90644, AW953889, H43136, AW953838, AI523448, AA029738, AA034262, BF737798, BF346328, BF821748, AA507762, BE973916, BF351295, H01957, N21386, AI191285, AI085683, AA480834, BE165106, BF772626, AI660175, H42506, BG230993, BF351292, AV742697, BF665930, AI754274, AI907958, BF820365, BF674337, BE165101, AA029498, AA740348, BE785360, AA506938, AA457725, AW005610, N20640, H26094, H42476, AA010689, AA039989, N36838, AI167980, AV755945, BF448586, BF815571, BF675649, AA642726, AA455488, W74383, BE165269, BE165280, AI754434, BF967367, AW938715, BF739156, BG164837, F32477, AW511436, R99698, BG171345, AV744421, R79563, AA129366, T34865, AI733955, N36170, W27617, AA845291, BF772634, AV729590, AV725066, BE122839, BF737242, H25701, W79200, AA629624, R99713, BF375128, AA126699, AI866674, BF698421, AA551974, BF574054, BE122838, BF737793, BF351314, AC003688, AF067171, AF183425, AF044671, AF161586, AL050182, AJ297742, AF161587, AF161588, and U65413.</p>
HTSGU37	24	704405	1 - 502	15 - 516	AW163711, AI815378, AL524692, AA813566, AF019406, AL050341, and M95610.
H2LAN34	25	705692	1 - 530	15 - 544	<p>AA314140, AI623759, AW954842, AV747509, AA768701, AW005593, AI420537, H65282, AW469272, AW469280, AW959628, AW966534, AW966053, D58283, AW975618, D80043, AW966029, D57483, AW964756, AV699550, D80253, AW973334, AW958993, AV718489, AW978661, D80164, AW966531, D80366, AW975621, AW959799, AV699447, AV718440, AW960465, AV720028, AW978634, D80022, C14331, AW958992, AV718770, AW965163, AW949641, AW973541, D59467, AW966022, AW965177, AW973485, AV718844, D51423, D59859, D81030, AW966041, AV719783, AW966013, D80391, AW966065, AV720464, D59787, D80166, AV722801, D80195, AW959570, D59275, AW978648, D59619, D80210, D51799, AW964488, AW960553, D80240, C15076, AV719822, AV720791, AW966054, AV720203, AV718692, AV720731, AW966050, AV719188, AW973307, D80227, D80188, AW966062, AV719324, AV718938, D80024, D59502, AW959597, AV718633, D50995, AW975605, AW962082, AV718800, AW965197, AW965184, AV720211, AV718931, AV719557, D80196, AW973474, AV723927, AV724520, AW959136, AW959062, AW964477, AW956434, AW949656, AW949654, AV699927, D59889, AW949642, AW959202, AW960532, D80212, C14389, AW965158, AW964737, D80219, AW949632, D59927, AW973482, AW965185, D80269, AV718530, D80038, D50979, D80193, AW966075, AW949629, AW949633, AW962245, AW949645, AV719468, AV718707, AW949657, AW965175, D59610, AW960473, AW966059, AW956397, AW949653, AW949646, AW949658, AW949631, AW965196, AW949643, AW949618, AW973488, AW949655, D80378, C14429, AA305409, AV720878, AW959469, AW975613, AV701004, AW973330, AV720812, AV721386, AW966043, AW966023, AW753053, AW959582, AV723097, AW973447, AW960504, D80241, AW960564, AV700889, D80045, AW975623, AW960570,</p>

					<p>AW966030, AW960454, C14014, T03269, AW178893, AW752082, AV700229, D51060, C75259, AV720654, AW973465, AW965176, AV742001, AV742667, AV701125, AV701335, AV701166, AV742430, AC012627, AC008554, AC011477, AC007204, AC024563, AC008626, A62300, AX033851, A62298, A84916, AX027925, AJ132110, AR070327, AR018138, AX047063, AX047064, X67155, AX021518, A25909, Y17188, D26022, AX035434, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, AF058696, AX047062, D88547, AR008278, X82626, AR077702, AB028859, AX028130, AR025207, AR087649, AJ294956, Y12724, AF260572, AR074545, AB012117, X68127, AX015396, A82595, A94995, AJ287395, AR088705, AB002449, A85396, AR074141, AR066482, AR060385, A44171, AX042372, A85477, AR008443, I19525, A86792, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, AR074139, AR066490, Y09669, A43192, A43190, AR038669, AR066487, AR074136, I18367, A30438, D88507, I14842, D50010, Y17187, AF135125, AR008277, AR008281, A63261, AX035429, AX035428, AX035426, X64588, AR008408, AR091537, AR062872, A70867, AR093385, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, AR087528, I79511, AR071754, AR064240, AB037923, U87247, AB023656, U79457, AF123263, AR032065, Z82022, A63887, X93535, and AR008382.</p>
HPMBZ40	26	711500	1 - 882	15 - 896	<p>AW104075, AA322168, AA318382, AW582134, AA59937, AA635043, AA309573, AA664669, AI890563, AA747333, AA083698, AI002831, F31565, AA327808, AA640478, AA307971, AA101115, BF438598, AV656583, T41261, AA962042, BE147478, AA614771, AA548695, AA179423, AA657363, AV709285, AI708675, BG121326, AI350430, AW393836, AW393837, AA083697, AA171770, AW393902, T59870, F21378, AA679905, AA515952, F20900, AA828709, AA179773, AA230071, AA327627, T58575, AA669666, AA340945, T73373, AA805827, AA328641, AA729868, F31199, AA729864, AW378613, AA182721, AA130896, AA364450, AA229102, AA299112, W32976, F29405, AA888657, AA328937, AA079176, AA383431, F33309, AA363495, AA328075, AW361074, AW059576, DI1891, D51386, AA502814, AA507714, AA299168, AW582136, DI1796, F17656, AW378614, BE747323, BF437529, AA746958, D55360, AA484708, AA767968, AA627228, AA507186, AI708996, AA082512, D52903, AI302193, D53594, AA329939, AA341403, AA827269, AA172100, T53280, AA748072, BF906802, AI302449, T53153, AA304439, AA341417, AA962113, AA522638, AA604015, T63562, AA484205, AA593695, N68907, T94322, AA501477, AA181035, AA181548, AA847052, AA583572, D12365, AA180490, AA507806, AI628828, AA630793, AU122870, AW276534, AW304926, AA622673, AA225033, AW270722, AW104696, AA578036, AA053440, AA773121, AA128815, AI679291, AW085649, AA621862, AW058229, AA736894, AA480608, AA665010, AI884565, AA321126, N31278, AA187890, AA244150, AA747111, AA191223, AW270043, AA593407, T50429, W52460, AA132470, D53323, AA328902, AA159715, D54432, W68495, AA167322,</p>

HL YEP52	27	732342	1 - 998	15 - 1012	<p>AI095409, AA084375, AA658827, AI358166, AI708254, AA187504, AA482748, AW780036, AA583520, AA157332, AA314043, BF197836, D50983, AA970585, AA143227, AA911880, AA927974, AA976810, AA977150, AA102191, AI798525, AA078950, AA102849, AA180190, AA224984, AI357051, AW873238, AA569578, BG223220, AI439429, AA029991, AI719781, AW089073, D53734, AI366916, AA310543, AA486614, W68360, AA665092, AW327769, AA100956, AA165275, AA804683, BF244443, AI301557, AA078973, AA315728, AW628061, AA657647, AA159647, D54122, AI857391, T57651, AA334959, AI676012, AW262217, AI2523425, AI819822, D11511, AI708369, AA010340, AI300845, AA040455, AI338636, AI660588, AW069480, AA528259, AI707739, N22482, AI027315, AW006070, AA316160, AA187988, N75284, BE613193, AW327699, AA244151, BE645512, AA583926, BG026258, AA627191, AA954121, AA081362, AA182780, AW245982, BG230817, AI074945, AI080574, BG142239, AI719383, AA583480, T59580, N95296, AB007163, AR083348, A62479, M10939, X63237, S79522, AL136454, AC005291, A62478, AF058700, D83209, X81839, AC026473, U67931, M26882, AL357519, AL031664, AC010083, AL391114, AC007685, AC018764, AC004898, and AA180500.</p> <p>BF971932, BF237781, AW338866, AI963716, AA573832, AA987495, AW058614, AA128438, H51921, BF732971, H27808, H94212, AA993608, AI159855, BE872759, AI469694, AI828778, W69653, AW873554, AI688311, N77573, BE898545, AW601461, AI741570, BF831400, AA160897, H49117, AI348273, H27183, AA158489, H44990, H92982, BE884960, AV709626, AA159945, BF873908, AI795832, AI795829, BE140739, AI816555, AA846337, H28378, BF810845, BF813075, AI816592, BE140751, BE140728, W69654, AI984845, AI961817, F15634, AW954779, R72015, AX011711, AF035771, AR070449, Z50150, AF004900, U82108, AC005600, AB016243, AB014460, AB026489, AB026490, AP001038, AP001732, and AP001039.</p>
HTTEC47	28	745343	1 - 1010	15 - 1024	<p>AUI13337, AL133785, AUI17996, AI798884, AUI16829, AW847640, BE142866, AW836282, AUI20388, AUI21070, AV707591, BG170577, BF673669, BF345679, AW833146, AUI37603, AW833143, AV649129, AA683309, AW976291, AUI39654, BE144683, AI114469, BE062166, BE144698, AW836280, AW902129, BG109731, AW813625, BE157028, BE158876, BF513132, AV731068, AV731522, AW833033, AV731034, BF746208, BF770900, AW833187, AW854788, AW832969, BF800480, BF929942, AUI22701, BF675777, AW813623, AW820037, BF830719, AW819804, AW819805, AW936057, AW819798, AW835724, BE066033, BF244129, AV731276, BF748007, AUI19706, BE009738, AW833622, BE066010, BF853047, AW820049, BF675045, AW820116, AW835725, BE066035, BF808065, BF997232, AV712125, AI246137, BG164408, AW819881, AW820040, AW820126, BF944744, AW819806, AW845700, AW877560, AW835642, AW853349, BF754324, BE780891, AW845696, AL045241, AL046683, BF964660, AW820052, AW833180, AW817951, AW819969, BE062378, BG104752, BF756986, AW820114,</p>

					AW819799, AW820115, AC022596, AL008633, AL359763, AL096803, AC020717, AL138702, AC024092, AC060232, AL161730, Z82211, AL022577, AL035464, AL035090, AL137251, AL133406, AL356022, AL033530, AL355390, AL121938, AC007179, Z82205, AL139395, AL049844, AL390023, AC024247, AC010175, M22334, AL080284, AL157360, AF064862, AF003535, AL034403, Z82899, AC008604, AL161804, AC048346, AC012082, AC002429, AC006479, AL030996, AK021593, AL133417, U65397, AL022144, AC004103, AC007090, AC013410, AL445143, AK024101, AL163281, AC008518, AC002072, AC010235, Z82212, AF126403, U93574, AC016751, AL135918, AC023481, AL158206, AL031054, AC022335, AL139229, AC007159, AL049562, U93572, AC003106, AL445196, AC004531, AL132821, AL135936, AC003990, Z73965, AL390022, Z81009, AC004954, AC007253, AC003091, AL033524, AL121933, AF196972, AL034427, U93563, AC005609, AC004673, AC012442, U93571, U93573, AF149422, AC004917, AC007785, AC068069, AC005993, AP001690, AL136307, AL049629, AC005739, Z81145, AL021069, AC020550, AL096862, Z79699, AC006079, AL356962, L81652, AP001671, AL133500, U93569, U93566, U93565, AC078918, AL035258, AC008456, U09116, AL117191, AF248484, AC006070, AC015971, AC016623, AC003083, AC007204, AC007214, AC005686, AC008716, AL133249, AC005384, AC007558, AL109800, M22333, AC004029, AL161905, AC007000, AL109656, AC005823, AL359846, Z95400, AF148856, U93570, U93568, AC017089, L19092, L19088, M80340, AL121825, AC003085, AC022542, AC009262, AC004748, AL121868, Z82195, AC006383, AC008394, AC008178, AC002564, AL365276, AL035397, AC002523, AF064865, AL365508, AL136442, AC012472, AL445439, AC020647, AF127577, AC006559, U69729, AC007400, AC006287, AL020992, AL353587, AC004063, AL139109, AF110324, AC005230, AC008561, AC004058, AC024094, AC007488, AL136970, Z98751, AF149774, AL031665, AL365475, U93564, M80343, AL161659, AF036235, AC009319, AC022224, AL121755, AL445306, AL031115, AL353140, AL135879, AL121790, AL357153, AL121591, AC005994, AC008550, AC078845, AC019212, AL008987, AF172277, AL133370, AL121943, AC005024, AC010461, AJ010598, AC006992, AC005915, M19503, AP002534, AF225898, AL033538, AL390035, AC004389, AL163207, AL109845, AC008436, AL359755, AL049555, AL121757, AC003098, AL049796, AC019050, AL109805, AL357507, AL136441, AL445192, AL049563, AL049828, AL109620, U93562, AC010176, AL136296, AC026888, AL050329, AP000347, AL139192, AL121900, AL163278, AC005201, and AL354777.
HOFMO90	29	746416	1 - 428	15 - 442	AI929681, AW592729, AA648798, BG259038, AW250255, AW245532, AW651722, AW573263, AW250589, AI015535, BF031458, BF764886, AU124917, BF794818, AU125620, AU141564, AU142862, BF763514, AU125790, AU143619, AU120837, BE886545, AU125751, AI220039, BE258310, BE925039, BG005263, BF739929, AA024938, BE895457, BE383414, AA467947, BE276994, BF986402, AU125668, AA250731, BG251310, AU131885, BF219963, BF027149, T36005, BF218581, BE797690, AA211028, BE891460, BE885888, BF026383,



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HCHND34	30	762806	1 - 816	15 - 830	AL538129, AL525022, BE872112, AI111183, AI114736, BE896548, BE877234, AI174851, AV705883, BE875361, BE881218, BE881076, BE880128, BE879304, AV706307, BE875412, BE874647, BE879135, BE877386, BE877647, AV729201, BE898937, BE881222, BE876531, BE875889, AV726346, BE878894, BE875858, BE876704, BE874520, AI133323, AI133348, AL513828, BE880711, AV728251, BE879909, BE876043, BE878122, BE877496, BE876719, BE874662, BE877268, AV706779, BE878178, BE879695, BE876425, AV729465, BE873343, BE891387, BE867307, BE877150, BE877004, BE874747, BE875792, BE878626, AI147501, BE870155, BE877131, AV729314, AI750078, BE876651, BE877390, BE880762, BE898750, BE873954, BE874215, BE877497, BE874926, AV693283, AV725309, BE877757, AV705995, AL048390, BE873478, AV725316, BE880690, BE878213, BE879455, BE892487, BE874003, BE876550, BE897096, BE898560, BE877488, BE880425, AV702923, BE875968, BE891700, BE874696, BE877643, BE879522, AI749163, BE876062, BE870577, BE897811, BE876098, BE877242, AV710316, AI065146, BE868548, BE896982, BE899424, BE880602, BE876884, BE868527, BE879775, BE869133, BE874445, BE875601, BE868532, BE874422, AI114553, BE878330, AI110700, AL036120, BE875438, BE869149, BE879302, BE877542, BE898986, AV726493, BE879410, AV706277, AV760899, AI114569, BE876037, AV721544, BE880237, BE876785, BE879859, AI133444, AV726351, BE879895, BE867317, BE878477, AV709557, BE877726, BE878238, BE880722, BE898371, BE880140, BE875261, BE877598, BE875955, AI133486, AA639334, AV706033, BE878677, AV708006, BE875918, BE878422, BE881146, BE868603, BE881693, BE877813, BE896992, BE895621, AV702580, AV714977, BE879413, BE877674, AI174902, BE879761, AV709615, BE875062, AV723290, BE881506, BE880977, BE875398, AV705696, BE543600, BE894635, BE880958, BE880950, AV723029, AW583759, AI114723, BE878900, BE878010, BE880947, AV721627, AA723026, BE868786, BE874402, AV707010, AI721239, BE875536, AV723395, AV702695, BE881638, BE879688, BE878173, AV659215, AV708355, BE880276, BE877271, BE876568, AI833114, AV721920, BE881057, AI110881, BE880427, AI207615, BE880442, BE875310, AI110734, AV759353, BE881359, AI114585, AV708529, BE878468, AV721831, AI609232, BG179400, AV722162, BE881594, AV722611, AV702323, BE878381, BE881411, BE878333, AI720161, BE895091, AI114699, AV706568, AV726110, BE880705, AV700257, AI733732, AW583569, AI133302, BE877616, BE894655, AI110877, AV721391, BE880758, AV706979, AV705894, BE878086, BE877479,

					BE879580, AV721794, BE873841, BE868332, BE875382, AV724988, AI133691, BE874084, BE894924, AV727742, AR083056, I27367, X54629, AX039612, X62996, V00662, X93334, L08441, D38112, D38116, AL359334, X93335, D38113, X93347, D38114, X97707, AF134583, AF175976, U35430, Y10129, X84075, AX026544, AF004341, AF175985, AF144745, AB005535, AC007282, Z79403, Z79419, Z79459, AJ252237, and I07623.
HAMGI86	31	785328	1 - 653	15 - 667	AL520509, BE407109, BE312514, AW294706, N23047, N23224, AW517021, AA039977, AA287636, AA286793, AW136370, AI362850, AA382819, BF684630, AW409954, AA312796, AI565859, AA312800, BF795529, AA382325, BF211504, BF184364, BF102863, BG106081, BF220088, BE279764, BE902929, BF239561, AI240475, AA229436, BE162216, AW590207, AW673504, BE538140, AA324312, U35117, U75488, A67520, U18422, S79780, L40386, AL080206, and A67526.
HLWCN67	32	794213	1 - 677	15 - 691	AW978308, AA369775, N53897, AA807270, W95818, W95857, BF724803, AI125532, BG117266, BF968973, AU128956, U69567, BF102704, BF965471, BE770768, AV758189, BF111890, AW274041, N55318, D45459, AA301769, AA434064, BF002861, C04552, BG001662, AI569610, AA610288, AW580433, AK002172, AF090904, AB020703, AX029226, U95000, AX029228, and X64411.
HOFAC09	33	806819	1 - 854	15 - 868	BE739621, BE379183, BE617530, BG108163, BE619662, BE748774, BF570337, BE305001, BG249872, BF569120, BE612784, BE619823, BE271125, BE619946, BE617896, BE271060, BE300237, BE617937, BF966616, BE738551, BF340609, BF688981, BG257657, AV713811, BF974766, BE293496, AV717562, BE293387, BF689303, BF220284, BE748652, BE619923, AA642201, BF688590, AI174682, BE279777, AV715664, AA641148, BE299551, AV652787, AI174681, BF683366, BE747352, AA857839, BE872623, AV718269, AA640951, BG105683, BE778293, BE393602, BE546109, BE250635, BF982878, BE531162, BF570115, BG178614, BG179165, BG163531, BE531088, AV717782, BE613177, BE902527, BE271042, AL514500, AA858434, BE738219, AA837571, AV685977, AV756374, BG034916, BE740524, BE262924, BE378440, BF984231, BG029312, BE388222, AV684312, BE748508, BG256740, AV702438, BF237938, BE408065, AI817627, BG163462, AW001149, BE622882, AU128631, BG180980, AV688195, BE260549, BG255882, AI708325, AV684830, BE881395, BE788254, BE787490, BE249917, BE909118, BE305209, BE735960, BE397738, BF982126, BG256362, BF686276, BF237724, BE559874, BE266498, BF059086, BE251388, AA632140, BE787304, BE300231, BE293776, BE547987, BE439558, BG250330, AA642980, AV698344, AV715876, BE794978, BE125097, BE793931, BG256096, AV685452, BE388457, AA857476, AV149599, BE889684, BE617898, AV714051, AV688156, AV684821, BE619643, AV717638, AV717113, BE737518, BE545839, BF965676, BE748476, BE250538, BG029641, AV645505, BE736394, BF983033, BG027429, BE745157, BG180061, BG113341, BE512833, BG168282, BF696011, BG118147, BE394485, AV716748, BE728375, AI749591, BF340890, AW001147, BF184101, BE250051, AA551057, BE903863, BG114266, BE305190, AV709267, BE293782, BE549134, AV714025,

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HRDEL61	34	824886	1 - 810	15 - 824	<p>AI696793, AW162288, AV703259, BF821897, AI358089, F13749, AW819125, AV726885, AI963720, AV701116, AA071334, AW419262, AI821881, AI821918, AW504224, AL046409, AI745151, AA654781, BF750422, AA579179, BF821009, AI284640, BE301111, AI431434, AW410402, AA533033, AI076236, BF529327, AL120343, AW979204, AW406755, BF767028, AW753399, AA715814, AI358229, AL079645, AL037910, AA659627, BF668217, AW518220, BE138594, AL046746, AA410788, AW500684, AW021116, AW500029, AI755214, AI754105, AA581903, BE062729, AV764259, AI754567, AI613280, AW504686, AW858127, AI537538, AI623764, BG236628, AW872676, AI431303, RS9567, AW504297, BE676915, AV740009, AV710482, AW673221, AI732151, AW575165, BG00961, AI133164, AW576251, AV761519, AI821714, AI792133, AI791913, AW970877, AW975049, AW157005, AA563770, AW276827, AW964231, AI733856, BF916934, BF589066, AI623423, BF678990, AL118991, BF677892, AA657835, AI620585, AI610920, BE049229, AI049676, AV735495, AA610491, AI281881, AW023111, BF805088, AI783911, AV761745, AI270117, AI636627, BG036665, AI821785, N23260, AW089589, AI457397, AI028510, AA878149, AW501806, AA130647, AA603323, AI054333, AV710066, AV742057, BF915247, AI963221, AV763583, AV761810, AW271917, AW833862, AW089322, AI017251, AI251034, BE300580, BF942454, AL134330, AW193265, BE139139, AW081194, AW499745, AI732764, AC002350, Z85986, AL136984, AL035701, AF000557, AL157877, U85195, AF047825, AC004983, AE000658, AC007957, L77570, AC004536, AC005899, AC007850, AC007537, AL136443, AC011449, AL137070, AL139039, AL133551, AC004985, AL121871, AL031053, AC005522, AL078614, AC023490, AC010463, AC008924, AL035071, AC008821, AC016655, AC007620, AL136097, AC008123, AC025588, AL354696, AC005086, AL137139, AJ239027, AL138828, AC008745, AC016898, AC055740, AC006057, AC004804, Z72521, AC006368, AC011464, AL133163, AL136317, AC004253, AL080285, AC011510, AL136296, AC010977, AC020910, AC010419, AL109804, AP000311, AC010087, X62357, AC018755, AL445195, AC006285, AL365505, AL357560,</p>

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HDPOR60	35	828176	1 - 3339	15 - 3353	BE907538, BE250250, BF311047, BE906254, AV726530, BE304645, BF525388, AW959258, AW954291, BG118078, AI051611, BF916882, BE719457, AW966732, BF732249, BE719459, AW390157, AA150165, BF923015, AI928260, BE779329, AA457484, BE818400, AI188780, AI524627, BF329818, AA609346, AI184768, BF733484, AI348486, BE671307, AI598015, BE818415, BE764192, BE717662, BF733491, BF733492, AI674848, BF886247, BF886242, AW197044, BF888665, BF888510, AI369052, BF888666, AA984504, BF513927, BF888512, N58740, BF888662, BF888671, BF812194, H27264, BF888524, BF377972, AW080528, AA458747, BF371802, BF377969, BF093530, BF888530, BF376487, AW025603, BF885116, BF766670, AI283519, BF888682, N90132, BF081241, BF093542, BF872063, BF377968, BE818399, BF093531, BE872720, BF093535, AA652251, W16733, BF093536, Z43110, BF093539, BF934232, AW294491, BF884943, BF093532, BF093543, AA813169, AI905629, AA229779, H14451, BG012148, AI692605, R50198, AI126253, BF093546, AA865539, AA341212, BF885117, R83103, BF089975, BE938102, AI886490, AA385992, BF081230, AI685596, H70564, BF762747, H50721, AW087793, BF352676, AI364918, BG013986,

Z39199, BE764158, H28604, H50828, AI310339, R33044, BF764697, AA150304, AW674742, AA295511, R50143, AI499852, H75304, AA709057, T36284, BF888676, AA151406, BF889242, BE148070, AI334202, BE935304, N72650, BE935305, AA765395, BF935410, H75551, AI963154, BF093538, AA151405, BE935592, AI765336, BE763414, R08139, BF929226, BF093545, AA229882, BE818437, BF888516, AW675325, BF334977, BF848924, AA603025, AA054715, AL118825, AW368110, BF333239, AW296910, BF115534, AI831921, AI762572, AW016455, H39887, AI215641, BG002605, AW374091, BF993858, AI566630, C01027, BG058415, BF793891, AL040241, AW162194, BF814357, AW827173, BG165879, BG026389, AL043321, AI929108, BF814761, AW268759, AV752436, AI589428, AW087445, BG029829, AA730984, AW268937, BF965053, BE138374, AL045774, AL513823, BF766529, AW834325, AW274343, AI538850, AW274318, AW328117, AI345415, BG029667, AW274084, AL514219, AL110306, AW160376, BE729058, BE728516, AV714107, AI799344, AI801325, AI915295, BF885082, BF811808, AW023338, AL513907, AI924971, AI538885, AW020397, AI554343, F35882, AV736808, AI537677, BF892007, AW051088, BF089679, AV681848, AW303074, AI251221, BF751355, AW152536, BG120706, AI866465, BG119547, BE877142, BG170430, AW163834, BE138679, BE878014, BF886214, AI9266593, AI349964, AI536685, AV681885, BG109270, AI698391, AX011645, AF151799, U73638, AK026219, D84344, AF013710, AL137529, AK025391, AK026647, AK026542, I48978, AF131773, AL359600, AL080148, AK025254, AK026590, AL122121, X80340, M30514, AL050155, U96683, AF158248, X63574, E04233, AJ003118, AF126247, AB050510, AL133640, A08910, A08909, AK025092, AK027188, L13297, A08908, AX045627, AF113222, X84990, AR011880, I89947, A08913, AL122111, AK025375, A49139, AK000291, L40363, AR038854, AK026086, AK026749, AF177401, X98834, AL096720, AK027113, AF116644, AK000636, AL137459, AF321617, AK026927, A18777, AF031903, AF119865, AF143723, AF217991, AF061573, A21103, AF130055, AK026480, AF111849, AL442082, I32738, X72889, AK024524, AB007812, A93350, AX020124, A07647, AL359620, AL389935, AF116631, AF218031, E02253, AK024538, I33392, AK025339, E01812, A08912, AF262032, AL122093, AL133606, AX010492, A23630, AX026824, AX026823, A58524, A58523, I89931, AK026959, AB048975, AF119856, AR087170, AF111112, Y10655, Y10080, AL389939, AY007109, AK026583, AL390154, AF218034, AL110221, AF130099, AF090900, AL137533, U35846, A93016, AK027116, A77033, A77035, U78525, E02221, I48979, AL133665, AL137294, AF077051, AK026534, S61953, AL162002, AF113690, AL049464, AL137555, AF085809, A08916, AJ000937, AF225424, AK000421, AK026532, AB016226, E07108, AJ005690, AF175983, AK026592, AK027096, AL389983, AK026626, AB049880, AL359601, AF242189, AL133016, AB049758, AL133568, AJ012755, AL137267, AK024546, S78214, AL080124, AF130104, AL359941, AF028823, AK026597, E12580, AL353957, AL162006, S77771, AK024855, A45787, AL133031, AJ006417, AF242525, AK026462, AL137271, A15345, AL137463,				
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HPRTS71	36	828574	1 - 1032	15 - 1046	AW118056, AI800662, AI589171, BF591232, AI188335, AW082251, AI818095, AW021236, AW591559, AA648866, AW246660, BG230460, AW452998, AI083735, AW835356, AI167977, AW468639, BG109889, AI470164, AV651830, AI334390, BE673379, AA741201, AL523450, BE070373, BE070459, AA643779, BE070441, BE548231, BE696414, AI248596, AW062368, BF055036, BF111561, AA614258, AL037459, T92093, AI420092, BF741961, N79460, AW393612, T92929, AA649698, AA716590, T93045, T29513, N98655, BF089688, T98007, R28667, AW974688, AI470059, BG179958, AI520746, T92007, AW514438, AI565207, AI252942, AI014682, AI276530, AA707158, AW580299, AA847513, BF803888, AI224129, AV747633, AA452013, AF305057, D00596, X89602, and X67098.
HOHBI90	37	828862	1 - 405	15 - 419	AA021223, BE548133, AL045143, II5526, II5525, M76125, AC011510, X57019, X59560, X63535, and X66030.
HOHAL47	38	828872	1 - 907	15 - 921	AU132881, BF220328, R87908, BE613810, AW250257, AA931266, AW015928, BF095373, BF909602, BF095352, AW502696, BF796996, AA370819, AW502753, BE327008, N49168, AI800258, AI738786, AI651019, BF431451, BF891293, AI341119, BE464154, R87900, R87888, BF761409, BF761414, BF761411, BE672137, BF766414, BF761395, BE551754, AB020866, L27841, and AB029291.
HYASE58	39	829298	1 - 820	15 - 834	AL520115, AL520114, BG249568, BE858532, AI719186, AL524961, AA978354, AI963126, AW168149, AI016474, BE464809, BE541556, AW274265, AA126722, AA948354, N95214, AA779559, AI143841, AA988766, BF109578, AI052155, AI057145, AA868690, AI123988, AA862955, AA531469, AA565025, AI040746, BE315358, W58681, AA883150, AW973071, F27739, AW469738, W25247, AA677158, AA136191, R72558, AA137218, BE774145, BG163522, AW804292, T85571, R06411, BE559994, AI369527, R06410, BE931292, W58682, T85572, BF984740, AL202246, BE771601, AW204406, T98604, T98605, AA126819, BF804866, M29971, E02953, X54228, M60761, M31767, M84524, S61804, M76704, X54862, X65081, AL355531, S52068, S52071, S52289, AR040785, and X61657.
HKAAH95	40	829958	1 - 569	15 - 583	BF968527, BF972443, BE888293, BF245922, AI432365, BF984449, AI376939, AW959079, BF111350, AI809862, AW967166, AI708626, AA743821, BE274422, AA316016, W31195,

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HTTIQ02	41	829981	1 - 440	15 - 454	AU133091, AU142098, AU141602, AU134034, AU135799, AU141415, AU136549, AU141554, AL520149, AU141624, BF309998, N44941, AA165467, BG164969, BF305751, AA370928, AI025054, BE544595, BE297897, BF203543, AL047272, AA490707, AW998147, AW998144, BE719597, AV650018, L19871, U19118, and M63282.
HWACG91	42	830195	1 - 647	15 - 661	BG033793, BG255945, BG259666, BE730050, BE794184, BE280411, BE262457, BE407137, BF974510, BG260129, BE387574, BE250058, BE729393, BE900244, BE280432, BF317365, BF975884, BG255124, BE384164, BE875157, BE275535, BF697620, BE249873, BE729424, BG104941, BF528476, BG178885, BE389393, BE742299, AA160739, BE279276, BE730823, BE730234, BF696116, AI905415, BG169584, BG248765, BE409699, BE409459, BE383471, BE279295, BE514728, AI693883, AI906409, BE733527, AA133328, BE734917, BE747004, BE778282, BG120073, BG116573, AI906399, BG252353, BG250627, BG115053, BF205427, AA932527, BF974800, BF976607, BE275617, BE747869, BE258222, BE899354, BF667612, BE732117, BE394529, BE019949, BE255854, BF663000, BG115598, BE270894, BE877328, BE894791, BE742367, BF981923, BG025205, BE270877, BE313842, BE277239, AW246075, BE731739, BF689778, BE266619, BG122027, BE275677, AW327437, BE958080, BE293564, BE741359, BE279606, BE262807, BE731616, BE278518, BE797742, BE280931, AI906381, BE259001, BE620197, BF342810, BE278592, BE269494, BG033349, BE799713, BE252649, BE790350, AA069850, BE744820, BE731628, BE958554, W28216, BE269344, AW246351, BF665331, BE409170, BF346422, BG025476, BE892710, BE251197, BE729414, BE395317, BE747019, BE379494, BE535406, BF980658, BF309487, BE910196, BE795220, BG260707, BG255740, BF310723, BE265360, BE297749, BF311424, BE409537, BG165401, AA186725, BG034975, BF310637, BE744823, BF339822, BE883169, AW675050, BE884838, BE275911, BE394260, AI905506, BE736798, AA131028, BE296169, BE385509, BE735183, BE273644, AA160637, AA157966, BF796949, BG171791, BF103552, BE278910, BE735411, BG260083, BE895233, BF206952, BE264220, BG255060, AA313667, AA076309, BF149164, BF797136,

HUFBX52	43	830497	1 - 1969	15 - 1983	<p>AI809346, BF794443, BF309985, BE793349, BG248853, AA159110, AA190534, BE262091, BF128662, BE536828, BE251454, BE263943, AW662648, AL038584, BG255561, BF696737, BE792806, BF313073, BE742815, AA101958, BF792436, AI906370, BE206810, BE889820, BE898859, BG165862, BF315593, BE255244, AA113902, BG122753, BE897628, BE727594, AI218219, BE746344, BF055113, BF725362, AA587341, BE382571, BE277151, BE262004, W74583, BF725096, BF315746, BE388410, BG117808, BF304116, BE274326, BE728690, BG116304, BF315671, BE875140, BF983277, BF308437, BE875834, AA158902, AA155696, BE733144, BE537657, BE293648, AA158943, BE875741, BG120928, BE410167, BE391803, BE251603, BE729093, H69946, BF663924, BE393117, BF972713, AA182917, BE780890, BE394391, BG031646, BF797457, BE315191, AA643715, AA299820, AA364873, BF985994, BG122761, BE253108, AF275719, AX047377, AL136543, AK025370, J04988, AL139392, S45392, AC006226, AL353581, AF288819, and AC013410.</p> <p>AI513910, BF338363, AI799888, BE392997, AW316671, BE044614, AL042665, AA114835, BE394176, BE857118, AA114976, W51953, AV702013, AI972232, BG025156, BE673213, W52502, AW205785, AW137401, BF879476, AI498690, BE504635, AI870560, F33285, AI696138, BF847455, BF847461, H42144, AW797536, AW580466, AI383137, BE504647, BF194734, AW291200, AI567040, T58430, AV707626, AV705123, AV702887, AV705196, T58462, BG104539, T29553, AV705977, AI972231, AI951152, AA593693, AW873877, T47089, AA393219, AA036671, N77388, AV706493, BF093800, AI686156, AV703987, AA575857, AW959494, AV702830, AV701517, H42145, R00971, T47088, AA063592, DI1534, R00972, BF826969, BF345006, BF766206, BE840120, BF378651, N52428, AV707224, C01052, U24488, M25813, X73959, Y11915, X87243, AL049547, AF077974, S38953, U89337, AF019413, X71937, L26263, AB010266, AC006289, AF030001, AF049850, AB015623, M83939, U24489, AF086641, M12792, M12793, M17252, M26856, M28548, M26857, M13936, M13935, M11267, M12918, M64933, AB039881, U56853, U56854, K03234, M92836, and M15009.</p>
HWLJE49	44	831453	1 - 510	15 - 524	<p>BG251415, BG027650, AV716313, BE744852, BG168126, BE875004, AV712837, BE563257, BF183014, BG113939, AV701796, BG260019, BF244649, BF974779, BE740291, BG114363, BG035325, BG027799, BG169309, AV722365, AV712753, AI887549, BG027575, AI076353, BF725392, BG167147, BF663267, BG059083, BE300764, BE742593, AA806402, AI682046, BG027579, BG255168, BE906641, AI188649, BF967533, BE513190, BF182834, BG180632, BG113207, AI144531, AI149488, BF345318, BE675790, BG026111, AL048205, BE207355, AW277103, AI612881, AI761676, AI299022, AI270732, AA308274, BF575148, BE379881, AW005575, BE675232, BE729684, AI302970, BF684952, BE259873, AI748792, AI832372, AI342462, BG255930, BE728928, AW304345, AI917533, BE388883, AA308142, AI270352, AA315030, AA314014, AI720893, BE208370, AA181838, AI370898, AA314940, AI735477, AA316359, BE909454, AA582161, AA313264, AV705734, AA316330, AW338556,</p>



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HLQBT44	45	832454	1 - 735	15 - 749	<p>AL050146, AL133606, AX019229, AK026784, AK025772, AF314091, AL122093, E03348, AF116649, AL133093, AK025958, AF219137, AL080137, AF207829, AB051158, AL133560, AK027204, AL137557, AK000618, AL096744, AB047904, AK025092, AF242189, X82434, AF146568, AK027096, AL137283, E07361, AL133080, AF079765, AK026592, AL137459, AL359941, AL359618, AB048954, AF125948, AK000137, AL353940, X63574, AL110225, AL117394, AK000652, AF017437, AK026533, AL049300, E02349, AK026452, AF116682, AK026542, AK026927, AR087170, AF177401, AL050138, AK000445, AK024538, AK026583, AF119909, U91329, A65341, AF225424, E07108, AR011880, AK026504, AK026647, A08910, A77033, A77035, AL359615, AF061943, AK026086, AK000323, AK000718, AK026532, AK026534, AK027113, AK026959, AK025491, AL050024, AB052191, A08912, AL049382, AL133113, AL049464, AL117583, AF183393, AJ238278, AF260566, AF097996, AK025967, AL117585, AF067728, AX042059, AB052200, AF271350, I03321, AL117435, AF175983, AK025414, AL049430, A08909, AF130077, and AF118094.</p> <p>AA745837, AI554448, AI830118, AA928341, AA669073, AA630270, AW304776, AI418823, AA630539, AA614639, AA701987, AA507015, AA775672, AA577574, AA947337, AA425865, AA740316, AI925815, AA872373, AA481869, AI287247, AW170694, AA058866, AI141303, AI686727, AA482053, AA456568, AI984134, AA481821, AI251811, AA779177, AA496675, AA938571, AA894451, AI052452, N63977, AA524693, T57094, AI357992, BF594112, AA523604, AI288847, R92183, AI539613, AW194037, AI689207, AA455766, AW129939, AA410742, AI278744, AW805186, BG011966, AW071224, T68990, AA425994, T71879, TS8711, AA775671, BG010690, AA235744, H93778, AI631122, AA668735, BF447423, AI933935, AA034382, AW801283, AW801602, AA627657, AA057664, AA551804, AI918451, T71878, T50658, AV692045, AA034383, T72829, C21135, AW515583, AI114853, AI245066, T72828, BF941121, N80768, BG010676, AI141304, AW393623, AA477973, AI803211, BG013596, AI494106, T25929, AW004686, AI500081, BF908767, AW842027, BF909560, BF868853, BF908693, BF909563, BF911325, BF868849, BF908765, BF801119, BF848926, AW243946, BE173882, AW878618, BE001388, BE079012, BF890845, BE073329, BF942940, BF990699, AA400639, AW843089, AW833203, BE166207, AI708714, BE676937, BE085445, AA810087, BF908691, AI039389, BE737951, BF908768, BF911435, BF909425, BF810304, BF909434, BF909438, BF733544, BF848896, AA577947, BF845946, AA559987, BE079182, BF896106, BE079011, AW898529, BF926033, BF874446, BF874408, BF987376, AA577987, AW884119, BF868852, BE146291, AA578162, BG002961, AW176716, BE001389, BF909558, BF908760, AA559135, BF875608, AA558407, BF943834, BF943838, AA504031, BG002880, AW797672, AW014901, BF875343, BF807164, BF934749, BE094775, BE072043, BF905359, AW898530, BF943835, BF878034, AW840660, BF990659, BG002963, BG002966, AW875187, BF762630, BE083383, AW878617, BE085444, BE828029, BE077159, BE075548, BG002874, BF990679, BG002969, BE079010, BF846180, BE094456,</p>
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HCHBQ33	47	840756	1 - 507	15 - 521		BF983424, BF211760, AW157053, BF684202, AW162417, AW162988, AW162603, BF026414, AW157332, BF683534, BF976126, BG032643, BG163354, AW156922, BF974967, BF975973, BF685471, BF969890, AI680129, BG249316, AW157397, BF203227, AI283030, BF797083, BG113896, BG025992, BF969919, BG027552, BF794777, BG029512, BE409260, BF965750, BF338609, BF972865, BF972470, BG106216, BF310371, AI625563, BE314799, AI499186, AW157806, BG142254, BF316903, BF343200, BG033251, AV752124, BF796091, BF315655, AU119393, AI887440, BE794493, AW276357, BF310677, BE786311, BG165212, BF969189, AA314895, BG024853, BE777933, AU126898, BF726955, BF342583, AI090099, AU126739, BG253776, AW029096, F24940, BG057843, AW118506, BG110794, AI928061, BE742652, BF727358, AW160561, BF974254, BE797276, BG059640, AW966494, BF337295, AA583793, AI475867, BF313677, BG142263, BE792984, BE019795, BG104756, BE900127, BE313100, BE732159, BE560126, BE897114, BE272977, BE275883, BE383590, BE409100, BE886687, AU149662, BE293298, BE559675, BE513645, BF037214, BE798509, BE798984, BE874485, BG032309, BF680826, D52392, BE250986, BE253387, BE313181, AA845270, BE314620, BF034696, BE793979, BE882443, BE797123, BF237943, BE736165, BE276565, AA308667, BE790613, BG056375, BE793578, BE793105, BE293961, BE278732, AW328693, BE254190, BE256721, BE909905, AW768638, BF125047, BE795518, BE255031, BE383224, BE789157, BG142170, BE907032, BE620944, BE878341, BE797140, BE276635, BG034095, BE878240, BE909385, AI913962, BE542091, AI735731, AA714332, AA316221, BE901680, BE540321, BF700921, AA524000, BF127837, AA947503, BE254299, AI126588, AW021371, BF026845, BE393303, BF038496, BE888490, AW327273, BE735597, BE561847, AI631371, BE906540, AV689462, BF211684, AW966489, AW162175, BE409686, AW966488, AI523924, AW163020, BE901983, AI766436, BE394377, BE260396, BE397339, AA912488, N54519, BE563380, AW163636, AA514900, AA088705, AI718867, BE048153, BG113893, AA506094, AA159790, BF125341, AW161303, AW769068, AA115703, AA988424, AI198534, AA112416, AA714522, AI581865, BE795020, AW163458, AA507481, AA501840, BE313575, AI469509, AI797529, AA192753, AA720655, BE563655, AI200353, BE887791, AA577162, BG142255, AW515839, AI863295, AA158148, AW161036, BE559641, AI270389, AA603073, AA989575, BF210694, AI564456, AI453217, AA846028, AI925625, BE621765, AI817585, AA515423, N76221, AV745134, AW083236, AA313883, AI187267, F24511, F27741, F26359, AA776904, AA316420, AA181237, AW615576, AA157076, AI287833, AA835523, AA493670, AA846115, AI922586, F31236, AX015385, E06004, E01533, AC007969,

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HDTMK30	48	840862	1 - 518	15 - 532	AI831962, BE676430, AW162549, AI017574, AI017570, AI935049, AW951729, AW070785, AW160944, AI433969, BE379169, AA316765, AI208340, BE908740, AA570273, AA308469, AA932397, AA971868, AW328383, AI302264, AA335512, AI375912, F20835, AW050941, N40545, N46592, AW438545, AI276310, N92934, R70374, AI590641, BE395213, AA873604, AI610571, AA648290, AI392906, AA629912, T94441, AI580872, AV706442, AW438488, T94528, AA906326, AA621581, AI261782, AI095210, AA910827, BE392525, BE833101, N56229, U09770, AP000358, AP000359, AC024247, U58630, and M13018.
HDPFX64	49	841088	1 - 1368	15 - 1382	BF690243, AI635310, AV705585, BF967716, AW516059, BG171153, BE379346, BG165946, BE262120, AW103919, AA586820, BE270450, AA580196, AW392940, BF689694, AA809239, AI023735, AI031575, AI038145, BF212877, AV653577, AW025039, W46346, BE727824, AW005149, N94381, AA931405, AI309211, AI341743, AW024649, AI093535, AI369772, W47346, W16578, W42813, AW945189, AV705723, BF132768, AA992145, AW675359, AA907868, AA070469, AW135787, AI300765, AA776545, AA490938, AW606545, AI025359, AV694879, W46347, BG036926, AA725448, AW750158, N66103, AI244482, AI765611, AI344462, AI680024, H05080, R42090, AV703075, AV719545, AA916199, AW386885, W42724, AA576647, AW025028, F00072, R00895, AV683358, AW581256, AV695314, AV684515, W57707, AW945190, AV691040, BE831134, AV693290, N79589, W57783, BE711900, AA362580, AA745683, AI033697, AW581255, R88810, BF132335, AW951545, AV685847, AA374786, T29875, BF903989, AV696538, D11601, AA491124, T16992, AI914576, AA305378, W31989, BF953874, BF953867, AW197238, R21561, BE140647, BF959687, BF959697, H05540, R42941, AW406968, W47450, J02888, AB050248, U07736, U07732, U07733, U07734, U07735, and U07731.
HODFG71	50	843485	1 - 2226	15 - 2240	AC019187, AF235098, AL049743, AL050335, AP001675, AC010348, AP000431, AC010283, AC005409, AC002554, and AC006992.
HCE3165	51	844534	1 - 288	15 - 302	BF380320, BF770784, BF770772, BF770765, BF770108, BG109313, BE884633, BG110701, BF770763, BF380303, BF848233, BF770117, AW753076, N94851, BE887181, AW384469, AW384552, BE771991, H21705, AI741955, AI963814, AW299769, AI917621, AI742118, R55420, H42724, AW205801, AI394684, AW360906, AW360994, AW578414, Z19511, U91329, AB014606, and AC004771.
HSAVH65	52	847355	1 - 758	15 - 772	AW080832, AI693734, BF793712, AI564525, BE869501, BF037943, AV719716, AW024144, AA523950, AW475057, BF827012, AI185475, AI197788, AI708671, AV660309, and AR062277.
HBXFT41	53	847647	1 - 989	15 - 1003	AA778868, AA679725, AA361583, BE727943, BE798065, AA626529, T19700, AA384998, AA374709, AI908896, AI908908, BE255062, AW245790, AA280060, AI114472, AV726479, AA085949, AA081907, BE269296, AV709611, BF725352, AV714707, AV706440, BE790718,

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HBMCM38	54	847821	1 - 789	15 - 803	AA665893, AL080243, AJ277546, AC005056, AC005179, AC004671, and AC016597.
HACBO42	55	849064	1 - 1701	15 - 1715	AW961071, BE703222, AI703476, W51947, AA775876, AW118126, AW419310, BF055108, AI298553, AI168160, AA976583, AA931093, AI343013, AA622237, AI056138, AA101674, T19393, BF222266, BE327125, F12518, T74004, AA825247, AI348336, BE173228, H08634, AA757564, T32177, H08635, BF061085, BF060724, BF446952, F10138, BF058335, BE502582, AW051846, AA426547, T87212, D81092, AI690133, D55877, and AB040799.
HODBF86	56	859572	1 - 913	15 - 927	AV694711, and AL049744.
HOABP90	57	859622	1 - 1239	15 - 1253	H84974, AI915939, BE396949, D51418, AA158104, D51544, AA828306, AC006387, A12297, M31158, J05692, and M12492.
HE8UE42	58	862010	1 - 1640	15 - 1654	AL515943, AL520278, AL531137, AL515942, AL520279, AI217895, AW960744, BF970078, BF001249, BF036496, BE395420, AI983150, BE277851, AW385698, BF979048, BF688139, AW374106, BE395502, AI660124, BF541042, BF210794, BF036241, BE567389, BE778929, BF103631, BF209890, AI339010, AW374124, AA166971, BE564629, BE971080, BE276625, BF509403, AA542906, AA689356, BF695952, AI285269, AI346870, BF541205, BF030313, BF243030, N27706, AW236815, BE567683, AI821074, AI821227, BE566782, AA166818, AL134542, BF570861, BF059406, AA836112, BF130491, BF695731, D20721, BF677074, AI221030, BG118818, BF106059, AA627350, AW027663, N35710, BF674060, BF029128, BE933681, BE933586, AI221246, AI285231, AW372396, T95430, AW372395, AI699709, AL134543, AA055338, AA449417, AW197834, BF030982, R83129, AI418208, AA375954, AA450383, AW958166, AA961046, N20259, AA336834, AA226636, AI911109, AA225691, N20865, AA825421, AI932769, AA938413, AW197872, C03633, AA370379, N29162, AI620095, AA055337, BE694074, AI932771, BF697063, BE468082, AA976076, AI821821, AA173926, AA173884, BE857593, AA569611, AI821883, AA772955, AW383971, BE898721, AI921241, AJ224875, and AF271985.
HUSJ159	59	862481	1 - 476	15 - 490	BE907643, AW327356, AV735093, BF792025, BG164383, AV756498, BG109142, BG029612,

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HSSDM07	60	863515	1 - 2584	15 - 2598	BE886761, AL520319, AW966039, BG252451, AL520320, AW375346, BE733511, BG114170, BF965742, BE55952, AW992850, AI829890, AI762105, BE788349, AI140601, AW365644, AI720778, BE740440, AW138255, AA772248, AI826338, BE502698, AA609490, BE927727, AI372751, AA971588, AW000925, AW301625, AI126519, AW673462, BF445347, BE327631, AW451288, BF111138, AI948721, R56414, AI684485, AI024528, BF111141, AA971582, AW675784, BE410672, AI363500, AW192954, AA565322, AI420978, AI263464, AW300687, BE348598, AI218550, AI369735, BE552303, R52184, W15529, AA022472, AA992460, N92817, BF091934, W31215, AI500339, AI906867, W39653, BE884207, AA255525, BE743589, BE674618, AV653705, BE618430, AA456635, AA772558, H29107, AW168493, BF026061, R56415, Z43129, BE387896, AA889111, R52092, BE811013, BE810908, BE810888, BE810898, BE810993, Z39214, BE810943, BE831903, AA322368, BE831912, BE810913, BE810939, BE810936, BF984499, T30757, AW901051, BE811016, AA364978, F02409, W04545, BE810887, BE811012, BE810873, BE810911, AI650748, BE810949, H29005, AW581134, AW581202, BE810871, AA490627, AA382734, AA256709, BE810969, AA023006, BE811003, W26238, BF529119, AW581211, AI783932, AW385906, F33591, R11750, BE963464, AA382733, W24938, C00533, BF092258, BF092249, AL122054, AL137324, and U67085.
HBCBW52	61	866444	1 - 1488	15 - 1502	AI732563, AI732596, AW469418, AA132859, AA053401, AA132947, AA053416, AA131083, AA131111, AA053057, AI439525, AV756663, AA525818, AW974363, AW020094, AW021399, AI521525, AI572680, AI049999, AW020150, AI348780, AI797998, BF814446,



AV683406, AI926102, AI744890, AW501278, AW008217, AA584765, AI431442, AI355246,  
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 AI887468, AI828721, AA487569, AW880986, AI251696, AI254508, AU151751, BG166172,  
 AI925717, BG223498, AA601376, CI4614, AA689351, BF983604, BE152006, AA501807,  
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 AL162615, AC011508, AL139295, AC006236, AC020906, AL049776, AC008569, AC007263,

HOGAS18	62	867969	1 - 906	15 - 920	<p>AL049843, AC078889, AC005231, AL096840, and AC013434.</p> <p>AV759518, AW827240, AI133297, BF347791, AI932493, AW827130, AL042753, AV762395, AA483929, AW023990, BF347740, AI751216, BF337291, BG153869, AW857802, AI499588, AA846952, BE065673, AA664909, AV739452, T06754, BF679256, AI039584, AW872348, BE782280, AV755907, AL039145, AW020340, AI583283, AA633753, AV745092, AW827120, AA961035, AI471887, BF677892, AA634889, BG249643, AA458703, AW963750, AL038705, BG109996, AL119691, AV733824, AW275510, AL135377, AW512484, AV742875, AW235497, AW168618, AI538870, AW270343, AA531079, AU140328, BE297262, AI345157, AA547947, AW021735, BF437493, AA584167, AV736964, AV710066, BF816072, AA533303, AI687343, BF885142, AV733627, BF902055, AW866226, AI445674, AI732547, R86151, AW303002, AW960545, AI247199, AA661921, AV763550, AI284640, AV764307, AI536665, AI872020, AA569471, BE378770, AW021207, AW472872, AV740801, AI311927, AW149339, AW969870, R24887, AV764578, AA101689, BE252421, BE139146, H71429, BF942454, AA467932, AA639326, AA493695, BE147488, BE973754, AL046409, AI956124, BF698704, AW302903, AW084466, AV734666, AL045808, AL046156, AI568678, BF738242, AW148507, AV760378, BE164494, AI888759, BF874664, AA468022, AV760207, AI801482, AL042853, AI798266, AA533333, BF691714, AW968181, D58349, AI873990, AV762098, AV761547, BG113106, AW302013, AV738993, AI382825, BE253048, BF970654, AA632600, BE967622, BF699964, BF185578, AV730301, AA541423, BE907585, AA502104, AA309257, AV710996, AA320966, BF697673, AA490183, AA954924, AW327868, AW419237, AL048925, AV703942, AV707949, AA683238, BF792954, AW833862, BF792883, AV763354, AL044940, AI969436, BF681661, BF680084, AV763971, AL044904, AU121503, AA765736, AA650211, AA847499, BF853144, AI270117, AL049766, AB037825, X55933, AC073316, L47228, X55929, AC006483, AL031279, U67831, AL008718, AL136980, AC005900, AL359763, X54177, M37551, AL136311, X54179, AC006930, AC023154, AL049870, U57005, AC003108, AC002310, X54181, X54175, U57008, AL080315, X75335, U18392, U18394, AB023798, AL354670, AC016939, AF109907, AC005221, AC005815, AC007881, U57006, AF038458, U18395, I51997, AC007014, AL035455, AK024741, AC007537, AC010282, AL031774, AL137019, AC003101, U07562, AC016601, AC007226, AC007907, U18391, AP000962, AC005180, AC006530, AL356414, AC004890, U57007, AL161422, AC020934, AC004150, AC025593, AL049760, AC002115, AC025447, AP001667, AC010154, AC020956, AP000472, AC007298, AL44225, AP000307, AL391119, X55926, AC008960, AF015151, AL355094, AL022163, AC006226, AC023275, AC006211, AL157776, AC007671, AC004977, AC005527, AC010789, AC007383, U57004, AC009244, AL031281, AP001683, AC035150, AL162377, U18393, AC007546, AL121886, AC005517, AC034246, AL050318, AC025434, AL135927, AC007227, AL031847, AC008033, AP000088, AC004802, AL122001, AC020904, AC008733, AP000550, AC015651, AL096840, Z83733,</p>
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HHSDL18	63	869701	1 - 1374	15 - 1388	AA812573, AL518998, AW972473, W73306, AL522221, AI809692, AA513449, BE501387, AI148527, AW452872, AW245994, AA954445, H57889, AW183378, BE872438, AA813225, AI619978, BE794663, AW197888, BF088329, R24069, BF209308, W73041, BE502424, R24121, R26598, AW245458, AI929294, AA249846, AK024151, AL121754, AC008155, AC025593, AC004690, AC083870, AC005011, AL121897, and AL022238.
HTFMS34	64	870486	1 - 447	15 - 461	AW402328, AA354692, AA724612, AV758954, AV744331, AA158742, AI768253, AA353944, AW001224, AI857605, AU156990, AI830105, AA987516, AA588890, AW979250, AW979200, AW974813, AW969719, AW979221, AW975126, AW979156, AW970932, AW973116, AW975987, AW973183, AW975409, AW979220, AW979219, AW973808, AW970064, AW979284, AW974983, AW972802, AW970030, AW975427, AW971985, AW979197, AW975951, AW975012, AW971097, AU137027, AW974802, AW971070, AW970564, AW973136, AW970877, AW975928, AW974987, AW969682, AW973771, AW972762, AW973103, AW971963, AW979145, AW972699, AW975070, AW973217, AW973814, AW972417, AW979140, AW971068, AW976019, AW971949, AW976008, AW969751, AW975656, AW975004, AW979228, AW979194, AW969753, AW970875, AW970921, AW969735, AK024342, AL121928, AL050035, AL135904, AC004889, AL136137, AC009060, AC006480, AC005587, AC010605, AC005783, and AC005696.
HLD0G81	65	874506	1 - 1220	15 - 1234	AL521118, AW339982, AI827788, AI627750, AW575122, AL531441, BF967087, AL038656, AI888509, AW156877, AI094580, BE349949, AI963436, AI634293, AI891103, AW080820, AA910949, AW009916, AW338663, AL525766, AA514770, AL037705, AI924086, AI951034,

				AI025380, AU151967, AL038657, AW778781, AI703238, N47212, AI688623, AI091742, N57407, AW188387, N32312, AW469366, AA860531, AW518859, AA863007, AA532789, AW188451, N66542, AI306506, W32410, AW188660, BE223067, AA601517, AI304931, AW338673, AA912494, C75275, AI050054, AI075117, W15332, W32856, AW084306, AV730060, AW081448, AA889232, AI302660, AA902855, AI888343, BE931227, AA507932, AA987475, W39423, AA938584, AA974132, W37293, F34503, AI621117, N27606, AW613309, N90139, AA987821, AA916382, AI299905, AA953919, AL525715, AI282708, AI473985, AI803426, AW591292, AW028183, AA825320, AW173786, AW338830, AI921646, AW157842, AA854048, AA910245, AA855143, R39105, AA989409, T28851, W37827, R63566, AW178890, AI673106, C75395, AA887708, BG108610, AA885915, AL526138, H19457, AI273149, AA911486, AW473237, AW265368, H42573, BF694671, AI457300, R63520, AA772638, AI824046, AW194001, AA548768, T11298, BE463489, AA813624, N91931, BF672787, AI811441, AI476381, BE828334, AW080982, AL525923, C75171, C01891, BG150929, AL521119, AA084007, AI554233, BF377199, AW884756, AA384963, F29838, BF797072, BF792586, BF971016, BF968453, BG106145, BF343702, BG168468, BG252929, BF983875, BG105758, BG261260, BG166291, BG249591, BG032919, BG030548, BF337945, BF969798, BG105318, BG104735, BG036520, BE782626, BG180793, BF793872, BF344164, BF525514, BG250790, BF795712, BG255388, BG260963, BF796661, BF969317, BF796402, BF969185, BG167415, BG259435, BG179486, BG113712, BG163646, BG111916, AL042009, BG180295, BF792054, AL039390, BG179586, BG111590, BG036465, BF968622, BG251851, BG165260, BG164495, BG108452, BG035330, BG164183, BG029194, BF797998, BG249858, BF980532, BF527274, BG027631, BG181100, BG169376, BG028019, BG166490, BG111100, BG171463, BG110518, BF797137, BG180200, BG164994, BG105848, BG259612, BF342312, BG250744, BG179183, BG170847, BG251076, BF527413, BE965842, AL046681, BF968504, BF345161, BG114865, BG259362, BG253110, BG252354, BG167751, BF345716, BG122277, BF526001, BG178669, BF794212, BF341270, AL046137, BG030750, BG024457, AL031726, M25160, AF153191, X03747, UI6799, AF202048, AF202049, M25159, X03883, X61433, J02701, Z99758, M75030, Z11797, UI7061, and J02787.	
HTXQF81	66	874608	1 - 1226	15 - 1240	BE735657, BE794634, AI346435, BE794294, BF035725, BE540828, BE736917, BF971130, BE874911, BE875498, BG163362, BE619340, BE543544, AV708235, AI813687, BG168124, BG029001, BF310923, AV703089, BE546820, AI523881, BF034887, AI246030, BE515214, BE789330, AI565163, BG178201, AA402794, BE784412, BG169860, BE878355, BE393961, BG025146, BE880077, BE874897, BE790171, BE786644, AA477593, BF968299, BE259495, BG180371, AA161137, BE394326, BF130503, AI394235, AI814324, AW328354, BF978913, BE909230, AA873099, BF093785, AA887676, AW752983, AA622341, BE048130, BE266971, AA161115, BE909193, AW386295, BE870857, AI280907, AA421577, AA552244, AA574027, AA453330, AI523581, AA826619, BF677836, BF030389, AA464842, BE620003, AA766218,

					BF939735, AA429353, N63397, AA464528, AA293567, BE393130, BE621337, BE621591, N98676, AI688036, AA897561, AI831467, AA424522, AI246562, BF978098, BF219064, AA160777, AI381579, AI991221, AA130549, AW001996, AI992166, AI857333, BF131906, AA424374, AA430526, AA777100, BE865692, AI148183, AA026078, AI332571, W92874, AA099121, AI057323, AI174284, AA421006, AI800148, AA293398, BE909077, AA856632, AA159370, AA453201, AI720789, AW001345, AA430611, AA428764, AA130586, N95686, AI819980, AA856698, AI831247, AA434191, BE621477, AA808470, AW406028, AW386371, BE880081, AA029925, F22574, AA454167, AA402802, AW272436, AI801083, AA430426, AA999657, AA832420, AI273391, AA857226, AI871010, AV763355, AW664325, H47425, AW518864, BE697609, AI598093, AA830492, AV760127, N73100, AA826723, AI904954, R96443, BE697607, AA086361, AA449966, BE964434, AW193589, AA505268, AA315443, AA053737, BF214130, AW304217, AA158842, AA947200, AA921703, AA115286, AV705607, AA758930, AI304791, H69012, AA429056, BE545935, AW302628, AW804779, AI091522, AI299197, AW328355, AI719387, AI086972, BF905782, AA661521, AI935183, AW572270, BE762364, AA053217, BE762365, AI337894, AW467641, AA588803, AI347946, BE698279, N66153, AI498213, BF732793, AW069810, H75395, AI587160, BF055282, AW387616, AI091629, AW387528, AA402306, AI457944, AI923632, AW387610, AI214251, W17167, AW951180, AI934695, AW387609, AW807818, AI089510, BE937323, AA723089, AA340466, AW807817, AV685409, AA687919, AA159162, AW387605, AW807890, AW387556, AI718119, AW387612, AW387532, AI261968, AA527012, AW387677, H47338, BF374464, AW387679, AA759077, BE937312, AW807895, BF571629, AW387539, AI261532, AW807739, BE841949, AA029924, AW387625, AA761238, AI830407, BE937330, AW387557, AW387547, BE842102, AW387583, AW807749, AX014336, L09604, AF196779, U93305, UI6149, T95659, T99421, T99527, R96442, N92482, AA025486, AA043896, AA099122, AA100577, AA159465, AA513191, AA617664, AA285059, AA290976, AA477464, AA629238, AA853553, AA852809, AA852810, D20308, AI197850, AI364502, AI368248, AI479890, and AI610373.
HCRNG90	67	874787	1 - 1061	15 - 1075	BE891902, AW271686, BE677446, AW025554, AI420969, AI521237, BE879239, AI202304, AA375089, BE245380, BE246652, BE547456, AA337142, BE879198, BF218778, X55740, D14541, J05214, L12059, and U21730.
HPWCL64	68	874891	1 - 653	15 - 667	AA531009, BF114862, BE645201, AI803060, BE746455, BF111457, AW058661, BG060155, AW957837, AI871128, AI040865, AI635619, AA279688, AA314121, AA291325, BE044274, AI300358, AI026031, AW136587, N48589, AI333491, AI217438, AA872204, AA313681, BG149853, AA761900, AA825668, N62189, AI742355, AI167192, AA782249, AI472224, AI027048, AA969624, AW957912, AW505197, AA907863, AW576584, AA279718, AA489085, AI356298, AA496950, AA490549, R81199, AI915638, AW500237, AW242542, BF109353, AA489150, H41907, F09870, AU126430, AV726684, BF061082, AI809172,

HWLMV62	69	874930	1 - 595	15 - 609	<p>AW139442, AI346557, Z39110, AU138809, AW505549, BF590603, AI346071, AI769499, AA948417, BF979316, AI261341, AI818467, AI658736, AW328021, AW328022, AA936846, BE326658, AA725007, AW804008, AI949826, BE720597, AA903934, AI240430, BE856850, BF745746, AA805276, T65227, AI698620, BF801671, AU123140, AW135001, N32423, AA077170, AI810090, AA094403, BF035754, AI814548, AA070291, N56845, AA095591, BF431423, BF765768, T06057, AI884950, BE818340, AA609881, AA635181, AW901181, BF329787, AF038969, AF038968, AF015553, AF038967, AF035737, Y14946, U77948, AC004883, AF043220, AF043219, AF017085, AF289666, AL078475, AL163203, AL050302, AC005098, AC004166, AF267747, X53795, AC004867, AF179563, AL050379, and AL163152.</p>
H2MAC06	70	874931	1 - 946	15 - 960	<p>AI718277, AI806204, AI922705, AI134958, AW189584, BE940626, AW152541, BF436606, AW589567, AW779876, AA911194, AA099689, H26598, AI523349, AI783469, C06405, AW979187, AA856931, AW050657, AW580584, AA650629, AA075317, AW993789, AI535926, AF095844, AC007750, and I50896.</p> <p>AA837575, AI750047, AI762213, AW778875, AA528093, BF594424, AW517424, AW612993, AI749649, AA514773, AA514789, AA421943, AA167440, AI708618, AA400973, AV740396, AI474120, AA514874, AI283967, AV738755, AW845024, AA587027, AV738776, AA167783, AV738660, AA642930, BF879539, AA878029, AW193324, AA857522, AI284506, AA164459, AA164458, AV741975, AW583341, AA838234, AI169874, AV739857, W38398, AW276087, AW264913, AA148194, AA308126, AA169614, AI669077, AA074902, AA148193, AW583781, BF893727, AA079651, BF802476, AW190644, AI306666, AV735674, AV735675, AA167439, AA857853, AA074845, AI199258, AA535642, AI826800, AA166792, AA074727, BF893886, AA421944, AA165663, AA075896, AW751341, BF875085, BF765758, AW265060, AW845005, AA076140, AV739168, BF879359, AW591737, BF748440, BF898643, AI626104, AA076188, AI541032, AA837890, N27757, AA102361, BF903121, AV741814, AA165649, AA100735, BF895363, BF892331, AA524360, AI833071, BF748145, AV741817, AA079557, AA593897, AI680515, AA573267, AA401137, AI675895, AA506601, BE696957, BF893703, AV743848, AW272215, BF354583, AA076566, BE004062, BE183618, AV740205, AA837854, BF334915, AA515574, N79823, BF894855, AA169569, AW364597, U47734, AA173827, BF094310, AW664712, BE184103, BE171567, BF354577, BF805800, BG057623, AW150580, BF918052, BE811764, AA299459, BF893822, AA298668, AI810491, BF893729, BE140374, AA076565, BF894873, AI940001, AW062899, BE004010, BF801920, AW062852, AW062884, AW475086, AA366738, BE171661, BF893097, AI797418, AV737676, BE645920, AA298242, BE183717, AI939989, AW352267, BF893885, BE716617, BE859013, AA503624, BF893856, BF894876, AW062699, AI559933, AI749194, AI866124, AA172395, BF900257, AI697412, AI473481, AA502597, AA329732, BF896945, AW270590, AW778853, AW969360, BE711057, AW000856, AA471032, AA494293, AI695633,</p>

					AA508677, AW176400, BE718045, AA321220, AA165627, AW176422, AA564033, BF896894, AW085635, BF898618, T11089, AA076046, AW964468, C14389, C14407, D80949, D80168, D59695, AI557751, D52291, AI535686, C14298, AW966330, D59627, D51079, D81111, D51213, D80064, AW352172, C14227, AW360780, AA305578, AW973326, D80290, D80268, D59503, AV720533, AW966389, AI557774, AW949645, C06015, AW973445, AA164975, AW966075, D58246, T11417, AW966059, AW965196, AW975618, AW964477, AW965175, D58101, AW975613, X99133, X83006, AR014298, AX014914, S75256, AR014294, AR016808, AR092424, AR018138, AB010386, A84916, A62298, AX047063, AR077702, A82595, AX047064, A62300, AR087649, X64588, AX033851, U37689, AR070327, AF058696, AR008278, AB028859, I81198, AR077700, AX027925, AJ132110, AB019242, AR060385, A47134, AR008277, AR008281, AX014811, I14842, AB002449, AX021518, I79511, AR054175, AR060382, and X72378.
HWLRF06	71	875093	1 - 371	15 - 385	AW841682, BF766770, and D63997.
HODDO41	72	875352	1 - 583	15 - 597	HG9413, H69440, AL120745, AA830102, BF898213, A W340795, AI457813, AC007546, AF064604, and AF155103.
HCHMQ74	73	875371	1 - 426	15 - 440	AA305616, AW861809, AW001611, AK023741, AC006057, and AK001527.
HT3AI55	74	875682	1 - 1467	15 - 1481	AL523414, BE565623, AW955610, AL523413, AI088910, AW469112, AW043896, AA005100, AA262517, AI470354, W78980, R89654, AV750391, AA261819, BF447445, AI079770, AA037517, BF834666, BF834676, BF834673, BF834677, BF834554, BF834667, AA328236, BF836570, AI584124, BF836573, BF836554, BF836568, BF834674, BF836564, BF836558, H19672, BF748075, BF751207, AI247711, AI217267, AV747710, AK025671, AK000219, AL121782, AB034617, and AL121754.
HMVBD68	75	876052	1 - 1266	15 - 1280	BE885169, AW970061, BF439457, AW575699, AW468388, BG116413, BG170032, AW083378, AA057509, AI679190, AV727466, AA574451, AA599718, AA054285, AA706513, AI707934, AW023524, BE142955, R66161, AI199863, AA862725, R84843, BF247952, R85715, AW973101, AW975244, AW979090, H86142, AW975971, AW627831, AL038837, H86028, AW979076, AL039074, AW975143, AW971975, AW975166, AL039564, AL039108, AW972154, AL039156, AW979228, AL039085, AW969930, AL039659, AW979176, AW975941, AL039625, AL039648, AL039678, AW973762, AL039150, AW975022, AW971953, AA059178, AL037051, AL036725, AW975626, AL039629, AW971954, H00069, AW974379, AL039109, AW973821, AW975981, AW972296, AL038531, AL039128, AW969748, AW970540, AW970969, AW979212, AW979147, AW976024, AW971968, AW969885, AW973789, AL040992, AL045337, AL037726, AW970587, AW975434, AW975650, AL042909, AL039423, AW979204, AW973772, AW975596, AW969694, AW971326, AA013394, AW971403, AW968147, AW972440, AL039410, AW970942, AW969798, AL134524, AL039538, AW973254, AW979037, AL044530, AL045353, AL036973, AW968338, AW975058, AW973812, AL044407, AW971404,

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HOCTA74	76	876487	1 - 671	15 - 685	AI302800, BF109314, AW118693, AI808667, AI065036, AW080952, AA862461, AI201847, AI138543, AI015998, AA865819, AA470462, AA454546, AI221895, AA481881, AI039771, AA535254, AA482063, AI301489, AA551867, AI018725, AI121442, AI244932, T88913, AI914566, AI017732, AI016693, AI833052, AA608575, AA120921, AU120922, AU149626, AV720099, AW510983, N57711, BE302246, AW151576, AI572464, BE328214, AI471156, BF769730, AW473129, R85699, H60433, AA890675, AI262997, AA620388, AV719431, T47276, AA534566, AI625454, AA852619, AA889211, AW631306, AA707578, AI718799, T47275, AI124998, AA477467, H88225, AA680222, H66348, N63309, AA131070, AA131015, AW627418, AI474581, AI561334, BE936086, AV733805, BE936002, BF092360, AW861944, AW804686, AW604723, AW392670, BE695785, AW877209, Z99396, AW372827, BF868697, BE705905, AW858526, AW858525, BE705903, BE705906, BF868687, AW577135, AW384394, AW861889, AW858455, AW861954, BF868684, AW363220, AL119497, AL134528, AL119443, U46341, AW604726, AL119355, AL119483, AL119484, AL119391, AL042965, AL119496, AL119324, BE705904, AL119355, AL119483, AL119484, AL119391, AL042965, AL119335, U46350, AL134920, AL119522, AL119396, U46351, U46349, AL119418, U46347, AL119444, U46346, AL037205, BF868696, AL134902, AW979212, AL042614, AW971745, AW975037, AL119439, AL042975, AW969885, AW979204, AL119399, AL042551, AW971387, AW973770, AL119401, U46345, AW973185, AL134518, AL134524, AL043029, AI142132, AL136526, S79219, X14608, M22631, M26121, AL122056, A81671, AR066494, AR060234, AJ279014, AX046357, AR054110, AB026436, AJ251859, AX030435, and AR069079.
HISOT05	77	876686	1 - 912	15 - 926	AI392987, AW204721, AI380500, AI887979, AW166458, AI935193, AI739272, AI393078, AI337398, BE908889, AI262967, AA621187, AW780031, BF002042, AI002949, AA622165, AI078264, AA080959, AW370639, BF001449, BF982414, AA082985, BF001683, AI857378,

HCRQM22	78	876696	1 - 433	15 - 447	AI812113, AW439180, BF818644, BF002657, AA449424, AA514476, AI262637, AI051534, AI374677, AA442087, AA425339, AA594240, AA416576, AA527340, AF287967, AJ270993, X58431, X56459, J03782, U15407, and AF012098. BE544606, BF529981, BE786721, BE251508, BE258319, AW794597, BE255394, BE890405, AL525853, BF757575, AW403014, AI904490, BE747560, BE535798, BE546101, BG028773, BG023780, AI831848, AA115313, AI761315, BE885000, BF808237, BE537206, BE535666, BE535661, BE389956, BE540274, L16783, U74613, U83113, AR030545, A79030, U74612, and AC005841.
HLHTC92	79	877310	1 - 839	15 - 853	R66025, R76969, AW043721, BF109415, AU122689, BF589412, AA553904, AW973590, BE182756, AI417134, R58054, U77970, AR059959, U51625, U77969, and AR059960.
H2CAA49	80	879484	1 - 2296	15 - 2310	AL518281, AI279876, AU123950, AL517520, BE738492, AU122239, AI539769, BE614356, AU127471, AU137119, BE782437, BF032266, AW954410, BF917448, BG114466, BG025422, BG258893, BF793578, BF695505, AA876127, BE535422, AI963800, AA206425, AI969470, AU123404, AL517519, BE884471, BF210187, BF978343, BG258084, BE044090, AU129257, BE079257, AU150519, BG035397, BF696016, AI951966, AW605343, AA459503, AW609270, AV726771, BF576773, BF910792, AW582085, AU152326, AA778294, AW582079, BE546929, BE565375, BG171787, BF939707, AA639198, AU153689, AW609318, BF375096, AA446426, BF094456, AU149119, AI334209, BF081392, BF978405, AU124260, AU119230, BF375101, AW582064, AW813451, AU150709, BF375184, AU159355, BF977470, AW813456, AU152457, AU151017, AU151416, AU150191, BF213914, AU158145, BF373572, AW609320, AI281280, AW149760, BF375091, BF819052, AA446118, AA459274, AA236997, AW609271, AI587101, BF212914, BF243356, AW609290, AW609276, AW662423, AA946837, AI922323, AI198839, AW813453, BE960873, AA568602, AA777025, BF380050, AW376909, BE910222, BF375112, AW582063, AI127770, AW582101, AI139373, AW813471, AW972374, AW609285, BF375104, AU152034, AI753243, AA789258, N95643, AI754062, AW582102, AU150043, AA236574, AI140786, AU145626, AW813461, C75603, AA075484, BE395097, AA251521, BF970745, BE090595, AA587266, BG121171, BE042577, AW609317, AU148699, AW439362, BE546818, BF375089, AL121103, AU154945, AA213367, AW609263, BF375081, AW609294, AA837311, AU123797, AW582067, BF932351, AU156384, AW609291, AI187231, AA227539, BF132102, AI344110, H67810, BF375080, AV723252, BE782617, AA075621, BE834271, AW609293, W95535, AI400951, T65536, AW609280, AA872668, AI192986, AW571539, AU134775, C17463, BE566077, AW970128, AI859211, AA470471, AW609423, BE871406, T17222, AW192135, AA506763, BF248125, AW139044, AI913866, AA192466, AA165156, AI826398, AA678954, AI271344, BE090601, AA113939, C05669, AA137249, H17790, F11801, BF825064, AA164768, C75565, R89384, T16445, T69722, N66040, C18698, H59003, AA503343, AU123857, AA339152, AI025443, D81644, AW582082, R78076, BF222253, H58956, BF818865, D60375, BE094097, F06655,

HETKQ94	81	880545	1 - 2418	15 - 2432	H58600, AA514607, H02142, AA164700, AA055768, AA306967, T70379, AI568159, C21496, W95420, H68082, AI572235, AA382754, AU153120, AA989472, BG255723, T35523, H02038, T65602, AA236620, BG261058, BF332526, AW363691, AA142866, BE566508, R01641, F09450, AA524392, T85647, Z39669, H17791, H58601, BG107156, BF685189, AA382619, T84903, AF053641, U33286, AX014894, AF301152, AF038452, AF053642, AL133174, AF053650, AF053651, AF038451, AF053640, AF007791, AF088867, AX011612, T67084, T82109, T97267, T99684, R01549, R16380, R16395, R42323, R42337, R42337, R42337, AA084485, AA165228, AA165229, AA199583, AA528463, AA586445, AA570120, AA934719, AA471242, Z21083, T39127, T39128, T97378, and Z20096.
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HOFMO23	82	882466	1 - 730	15 - 744	AL525975, AL525520, BE263255, BE144775, BG163687, AA340612, AA375347, AA375265, BE880915, BE880848, AF089745, and AC083863.
HNTNP58	83	882787	1 - 2826	15 - 2840	AI829734, AI073471, AA884114, BF983127, AA507637, H59240, AI263494, AI288403, AL121978, Z93023, AC010677, AL035070, Z82190, AC005154, AC003101, AC004883, AP001697, AC004584, Z94721, AC025593, AC005030, AL121601, AP000010, AP001432, AL163303, AP000151, AC007842, AC006483, AC008050, AC007226, L78810, AC006203, AP001728, AL031281, AC016526, AC005011, AL121777, AC005696, AC002073, AC011894, AL049758, AC004967, AC007731, AC005500, AC008155, AC007685, AC005730, AC018637, AC004983, AL121585, AC002404, AL035455, AP002026, AC007050, AL163201, AC005520, and AA913363.
HOFNY28	84	888480	1 - 1605	15 - 1619	BG258222, BG117025, BG168645, BG253641, BG168646, BG167818, BG025417, BG164284, BE612896, BG252223, BE910738, BF345060, BE621811, BE621893, BF984267, BF798053, BG123011, BF984992, BG031014, BG117026, BG117030, BE621810, BG168644, BE614378, T29199, AA362689, AA362688, AA362690, BG253645, BE613101, AW968355, AW972092, AW968356, AW972093, AW968729, AW971740, AW972091, AI432644, AL045327, AI623302, AL134524, AI432653, AW969229, AI432654, AW081103, AI431328, AW972090, AI432677, BE672759, AL044652, AI431230, AW858522, AI431353, AI431312, AI432655, AI431310, AI432650, AR080280, A49045, I66487, A94048, A94061, AR035224, I66498, AR070554, AX002278, AR071324, I09252, I09251, I07209, I07249, AX042374, AX033488,

HE8MQ01	85	889128	1 - 2694	15 - 2708	<p>AX033489, I09270, AX033490, I09268, I09269, AR068508, AR068510, AR067734, AR068509, A63954, AX042377, AX033474, AX035427, AR089207, AR089206, A49701, AX035430, AX033486, AR089208, AX033487, AR089205, AR067731, A29109, A32111, I66495, AR068550, A23373, AR068551, AX042373, I66494, AR067732, AR085090, E01324, I08638, A94046, A94054, AX030436, I58322, I58323, I66497, I66496, I66486, A27169, A27170, A39929, A83151, I09267, AR038307, AR038321, AX030435, AR091571, Y17793, AR051524, AR051537, AR051528, AR051547, AR091393, AX042376, AX042375, A42964, AF064854, AF019249, AR071207, AL133074, AL133049, AL133053, AL133076, AL122101, and AL133068.</p> <p>AI866939, AA338997, AA332893, AL079734, BG056174, AI783911, AI114733, AI133552, AI912401, BE048032, AA515728, AV738383, AW963444, AI056177, AA228778, BF312862, AI620585, AA297666, AA535216, AA837035, BF928469, AV656851, BF891210, BF768846, AW798093, AA581247, AA659608, AA847031, AI439910, BF805088, AA452887, AA827771, AA410788, AA310183, BE350261, AW675551, AA714110, AU147162, AI744830, BG250286, H85792, AA651632, AI580250, BE968744, AA513551, AI119921, AI634187, AL038936, BF808097, AW515437, AA728937, AA610433, BF870792, AW338179, AA583394, AW069227, AW303142, AA654778, AA582073, AA527209, BG008041, AA804925, AI457389, AI176972, F11718, AV760723, AA621381, AI733856, AA489806, AV759115, AA464739, AL118925, AC004112, AL161445, Z97196, AL035587, AF116689, AC003093, AC005098, AC004166, AC007371, AC008812, AC004867, AL122058, AC004882, Z97876, AL133320, AC007568, Z95703, AL096840, Z83844, AC004985, U72787, AC004850, AL355386, AL121881, Z85987, AC003007, AC004884, AD000685, AL023575, AC009060, AL445605, AC022436, AC009289, AC007999, AL008723, AC002369, AL033521, AC006578, AL079333, AC003695, AL022315, AC005081, AC002477, AL161731, Z83308, AC004475, AL031177, AC004585, AC083861, AL008627, AL117337, L35676, AC020908, U91323, AF084941, AL162293, Z70280, U82668, AC006271, AC005632, AC007787, AL035495, AC008685, AC005736, AL049548, AC005318, AC002091, AC007030, AC004638, AF039904, AC018663, AL109921, AF129756, AC002554, AL031117, AF030453, AC010271, Z82174, AL138733, U07562, AC073593, AC002468, AL162615, AC016025, AL136173, AL159168, AP002028, AL031683, AC005189, AC005190, AC007435, AL033517, AC006236, AC005050, AC009087, AP000505, AP000295, U95739, AL031727, AC005295, AL035406, AL022163, AC004089, AL353653, AL049758, AC007057, AJ295844, AL137802, AC009480, AC009086, AC005821, AC004520, AC002511, AL035697, AL445220, AL391595, AC007308, AP000044, AP000112, AC004841, AC004755, AP001630, AC008560, AL109613, AC006329, AC003043, AC005225, AC008736, AC011235, AL096800, AL354762, AC006241, AC005102, AC004491, AC011489, AL031447, AC006581, AC009318, AL133387, AL162272, AC010618, AL158040, AL034417, AC011475, AC005781, AL136527, AC005015, AL023577, AC026770, AC005180,</p>
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HE8TE40	89	897862	1 - 1862	15 - 1876	<p>AI1297, AL122110, AF116610, AF119871, AB052200, A03736, AC002464, AF118094, AF130087, S61953, AK024524, A08909, X65873, AL137648, AK026528, AL133113, Z82022, and AF183393.</p> <p>AI823654, AI961177, AI478221, AW968773, AA846576, AI480402, AA584298, BE560551, AI813657, AI760644, AW247012, AA887179, AA868607, BF980116, BE961977, BE550998, AW969507, BE559619, AI651566, AA579655, AV686107, AW969502, BF436325, AW002182, AI654813, AA491041, AI283079, BE617461, AA922926, AW166079, AA917731, BF515827, AW292126, BF223222, AI990156, AI499865, AA729880, AW250215, AI671762, AI680670, AI948722, AA490858, AA503731, AA732307, AW969802, AI222519, AI004530, AA639529, BF798411, W96184, AA513845, AL532268, AI681727, AA768695, BE765188, AI147101, AI205178, AI269686, AW291809, AI393299, AA737590, AA528328, BE065291, AA764868, AI867123, BF095791, BF821814, BF380983, BE151798, BF380986, AV654488, BF909261, BF909264, AW969515, AA809950, AW269244, AW300193, BE693372, AA689267, BF590473, AI694125, BE962424, AW955686, AW954735, AV703593, AV726916, AV661866, AW951516, AI557264, AV696302, AV706064, AV701983, AV707103, AV705545, AV702726, C15737, AV702189, AV725294, AV702148, AV709895, C14208, AV726708, AV655824, AV705217, AW963940, AW950675, AW954772, AK026201, UI9181, AC025263, S79539, and A84916.</p>
HNTCH73	90	900546	1 - 1555	15 - 1569	<p>BE877424, BE612406, BE867398, BE873237, BE512843, BF983505, BF984185, BE304524, BE871951, BF983498, BE962323, BG248621, BF984535, BE870587, BE872539, BG108575, BE873272, BG026835, BE868837, BF434094, AW362700, AA777371, AA479141, BE512742, D51188, AA479140, BE740078, BE869477, AA468551, BE304763, AA463224, BG248254, AA576646, BE617281, AI312731, AA584413, AI886718, BF982469, BF928257, BF928454, AA873550, AW753810, BF806796, BE771212, BE771215, AW362728, AA463225, AW362712, BF819079, BF810890, AA730073, T54230, AW602572, AA333903, AA358807, D51376, AW753502, T28171, T54134, AW950374, AW362081, BF926988, AI129853, AW609632, AW378785, AW390826, N86263, AW390848, AW815472, AW379982, AW379983, AW884062, AW815758, BE771216, AW815719, AW264254, D11692, AW378783, AI748892, BE868305, AI034316, AW191034, AI219728, AW148594, AW389490, F04809, BF768876, AR031483, I08631, I78457, AR075479, D30751, I11746, AR075485, U43842, AF042497, AF136233, Z22607, X56848, S65032, E04737, L47480, D14814, E03671, AI005076, AF058764, X64538, D49972, U90122, U82231, AF056336, AR009509, AR048315, AR075484, and A91867.</p>
HHFBY53	91	902534	1 - 956	15 - 970	<p>AA346699, BE897269, BG109478, BG178294, AV718692, AV723772, AV708119, BF883916, BG179993, AI370129, BG108324, AV755207, BE047863, AL514935, AI349772, AI500077, AL513643, AI436456, AL036396, AI687376, AL047042, BF343172, BF037097, AV655645, AL119049, AL036802, AV681857, AW827211, AL514627, AW827203, BG036846,</p>

AL046849, AI702406, BF727212, BE969709, BE048071, AV757737, BE048163, AI475371, AL135661, AL513907, AI433157, BE785905, AI064830, AL515041, AV682479, AW268253, AL513597, AL121270, BE964812, AV681716, AV756770, AL119791, AV682224, AL119748, AI349645, BG260037, BG168696, AW238611, AV757943, AL036146, AV711924, AV682266, AV704928, BE968552, AV682351, BE880190, BE613622, AV682249, AV721967, AV759235, AL121365, BF969494, BG058208, AW303152, AI088667, AI815383, AW071349, AW301409, AI349933, BG259801, AI687728, AL045500, BF726421, BE018711, BF724691, AI538716, AL513553, BF054789, BG257535, BF812933, AI868831, BG180996, AI433976, AV755290, BG114104, AL047763, BF795712, BF971016, AI567351, BE048026, BG110797, AI687415, BG252929, AV733397, AL513803, BE877769, BE964700, AI863014, AL514919, AV681685, BF793644, BE965556, AV682441, AL513911, AV734318, AV733470, BF970162, AI568870, AV758110, AV755581, BG250190, BF343729, BF792099, AV681647, BF970446, AV681548, BE777769, BG107847, BE048179, BG029399, AV758217, BE881155, AV681630, AI934036, AW162071, AV682252, AV758592, AV757158, AI920968, BF968493, AI340582, AV757797, AL120854, AV758806, AV681987, AV710608, AI679724, AV682809, BG105099, AV763915, AI440426, AI469532, AV757018, AV681951, BG109270, AV758668, AI000070, AW117882, AL514791, BF348329, AV715462, BF982046, BG033403, AI580190, BG252914, AV756342, AV756477, AL514691, AI085870, AI349004, AV759831, AV757639, BE887488, AV755613, AI818683, AI499393, AV723204, BF673434, AV682218, AV757455, AI906328, AV756703, BG108147, BE965095, BF726297, AL515173, AL515047, AI500553, AV682697, BG178809, AV682476, BF882343, AV734765, AI758437, AA640779, AV756560, AV682521, AI673256, AW089572, AL513693, AI873731, AI686926, AV710479, AW999049, BF726322, BE048135, AV711509, BE048319, AI631107, BE048081, BG109125, AV729890, AV723062, AV660662, AV762488, AI802542, AV682264, AV682330, BG117375, AV758179, AW238730, AV727776, BF970731, AV681668, BG031815, AL038605, BF107577, BF981774, BG179633, AA613907, AL036980, AV734099, AL040169, AL514803, AV733819, AI349256, AI312152, AI690751, AV682772, AV682051, AI343112, AI349937, AV757827, AV681859, BE047859, AV764059, AI567632, AI609592, AL514303, AX033851, AF116631, I48979, AF090900, AF116691, AF090943, AF078844, AR079032, AF118070, AF116644, AL157431, AL442082, AF125949, AF130105, AL133016, AL133640, AF116602, AF113691, AF130082, S78214, AF116646, AL117460, S68736, AF130075, AL050146, AF138861, AL050393, AX047063, AL390167, AJ242859, AF116639, AF090934, AL442072, AF130059, AF090901, AF118064, AF130104, AX046603, L31396, L31397, A93016, AF090903, AF113013, Y11587, AL117457, AL389978, AB048953, AL080060, AF104032, AL359596, AL110196, AK026608, AL049938, AL133606, AF119878, AF218014, AK000212, I89947, AL049452, AF113694, AL110221, Z82022, AF130092, AL359601, AF116688, AL137527, AF113676, AB049758, A08916, AF106862, AF111847, AF113690, AF090896, AR059958, AK026865, AB048964, AK026741,				
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HDPTE44	92	904763	1 - 4006	15 - 4020	<p>AL528314, AU130887, BE780963, BF666718, AL118570, BE739397, AU126476, AU139315, BF512830, BG115027, AI908306, BE880693, BF540985, BF791388, AU122664, BF035925, BF665031, AI672418, BF206660, BE738855, BG120429, BF129883, BF057158, AW959181, AV724420, BF106186, BF966523, BF213412, AL042137, BF211302, AI042351, BF206917, BF031857, BF515714, BF131974, BE514139, AV696443, BF037314, AW130577, BF129874, AA424461, AV661523, AW130565, AU127429, BF677116, AA902916, AU150429, AI239435, BF665735, BE155330, AV705068, BF212900, AA983275, AV710135, BF432386, BF211687, AA461260, BF057834, AA312396, AI627321, AI160503, N63373, BE502195, AV751301, BF184200, AI884925, BE559625, BE468064, AA186321, AV750990, AA749086, BF513143, AU152756, AA402517, N26419, AW025721, AI418879, BE268734, AA088855, AI042350, AA678020, AU150014, BF184441, AA113363, AI761107, AI457727, AW341372, BE674349, BE270920, AA888970, AA580858, AA649198, AV649723, AA100701, H24854, BE836719, AI819134, AA199866, AW025691, BG010680, R77878, BE087003, AA326555, BE550985, AA188173, AA424417, AI640581, H05951, AL044709, BF930036, BF792719, N41679, N56631, BF923482, AW779309, AI218982, H45855, AV751002, BE089649, CI7343, R81295,</p>

					<p>BE646243, AA502426, BF081703, R11716, AW594429, BE676875, H06000, BE832883, BE931964, AV703744, BE720186, BF748564, T09412, AA460953, BF849176, AA088766, AW021533, A1265945, AV751157, AA437111, AA336899, BE262777, H99315, AA358792, BE155518, BG166471, BE270762, BE313275, BF239379, AA888732, D78877, A1269641, A1469067, AW874055, AW338714, T89695, AW874611, BE825194, N88500, BF445639, BG011279, AW058314, BE677169, AW139207, R17691, AW513547, AW472793, AA358708, AV660383, A1765491, A1582998, T31819, A1084965, AA598573, AV750235, AA730781, AA056000, AA322246, R08530, D61165, AA716555, BE972774, BE169279, A1870585, BE615699, A1870612, BE169269, AA333655, A1678506, AA648833, AA347000, A1528313, R08529, BE247425, BF155632, R44452, R19666, A1040103, AW993917, D62489, BG028138, AA360932, A1763357, A1652881, BF088332, BE327501, AA055971, AV749018, AV748843, AA088700, BE383572, A1570710, AA004833, A1685231, A1178900, A1886543, AW166705, T89515, BE812475, D60417, BE812487, BE937678, AW054783, T48558, AA953749, A1199099, BE812457, A1769397, A1369907, AA199752, BE701083, BF914380, BF508221, BE838996, BE707763, AV646433, BE819207, AV651409, T25765, AA113444, AB018353, AK025737, AK022816, AF202724, AX017520, and AK022469.</p>
HHSAX10	93	904783	1 - 2530	15 - 2544	<p>AL536179, AL533946, AL533947, AL537797, BE613134, A1401562, BF343559, AV746302, AW961160, A1928515, BF966793, AV723437, BF526420, BF725404, BF035547, BF034426, AW753303, AV751398, BF940225, AL037012, AV722341, AW291377, BF340849, BG167789, AA446330, AV745305, A1942480, A1332363, AA443173, AV746253, BE326680, A1924756, A1989804, A1089825, A1423344, BF343626, AW264140, AV745498, A1655012, AV745371, A1418141, AV745442, BE783669, A1831023, A1815927, AV745783, AV746250, A1598128, A1685430, AV746136, AA293039, AV746047, AA131952, AV745494, AA446510, AV724999, A1050790, N51854, BE612567, BF530507, N62627, AA131865, AA781772, M62252, BE244781, A1816187, AW162757, A1167936, AV745512, AV726539, A1003401, AA307598, AA349403, A1143672, AW161966, AA148523, BF529438, A1625601, A1445688, AW900480, A1124706, AL037633, AA293431, AV746086, AL534788, AV745509, AA457374, AA148774, AW051680, AW892804, H08939, A1262177, AW296899, AA604202, AA719581, T15711, AV745470, N78398, Z44301, H89097, H08855, AV708127, H83746, AV745322, BF530020, AW090772, A1880020, AA463482, N45508, AA351563, BE514717, D58472, AV746088, T33816, R26136, AA781761, Z40260, AA912327, A1135377, AV701257, N71208, AA018269, AV732497, AW291641, A1138265, BG056993, H88534, BE858449, BF913258, BE244558, AV746063, AW976010, AA224525, N22006, A1273124, W28157, BE908602, AA019115, AA349402, H80006, T32057, BE796439, BE273856, AV745883, AA526787, AW406447, AA984620, AA577127, H55993, AV696428, AU145083, AU147226, AV684596, AU158906, AL537887, N45466, AV691908, AV762220, A1038990, A1040921, F05944, AW600804, BG034591, AA601355, AL036052, AW079809, AW055226, AW962035,</p>

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HPIAX83	94	906066	1 - 3605	15 - 3619	BG170880, BE927964, AW954276, BE927869, BE927822, AW386244, BE927879, BE927863, AW750978, AI630917, BE927870, BF724110, BE927940, BE927963, BE927825, BE927858,

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HOFNG28	95	908746	1 - 1612	15 - 1626	AW961869, BE077141, AW578424, BG255499, BF954315, AI261629, BE077135, AI148063, N36589, AI261572, BF802132, AW937843, AA426509, BF773463, AA432239, AA297161, AI149643, F12840, AW085552, AI261573, AW964755, AA086106, T74733, AU117446, BF155382, AA190566, AI800802, AV721960, AW863367, AW444435, R05875, AA252523, AW964780, AW959892, AI016747, T08225, BF195133, R10564, BG112973, AA312028, AI149199, AI370265, AI299757, BF514106, AI951761, BF765034, BF961480, BF745812, AA339807, BF961798, BF830434, AW381253, AA297204, AA193676, AI361910, AI565510, AI863790, AA252555, AI279364, AI379019, AI300980, AI431499, AI815225, AI364355, AI024659, AI494214, AI802120, AI351937, AI858581, AI864392, BE671413, AW075432, N55650, AW117663, BG057105, AA041199, R10154, AA227453, AA427655, AA424370, AA243514, AI610249, AA041436, AY008763, AL050283, AY008764, AF194031, AK000923, and AF175325.
HOFB27	96	911947	1 - 1919	15 - 1933	and AF175325.
HHBH45	97	913831	1 - 1633	15 - 1647	BG169391, AW949561, AI310200, BF339286, AI302098, AI654459, BE729449, BE36951, AW968438, BE389695, BF665529, BE277374, AA625808, AA427852, AU154551, AA458825, AU151326, AA428109, AL120902, BF571546, BF222142, AA612971, AU130187, AU126787, AI347584, AI086482, N30370, AU157337, AI271968, W76546, AI688046, W74351, AA807857, BF678409, N95347, H18070, N79725, BF209686, AI347617, AI583445, H09608, AA804327, AA838452, H09609, AA164432, T09029, AW572063, BF337241, AA164431, W76465, BF810348, AI654258, F09074, AA192488, F11408, W72228, W25256, AV686355, AV685242, AW591780, AV698667, AV693138, AV694239, AV684641, AV697086, AA527521, AV693125, AV683176, AV695358, AV685230, AV695077, AA873514, AV684289, AV698337, AV698238, F08059, AW301970, AV691629, T09028, AI308013, AI254516, AI345333, AW301841, AI318573, AW274307, AW302778, AI343199, F04295, AV684299, AW603555, BE778359, AA132390, N62777, T16599, N47046, AW768945, AA459016, AA070813, BF799492, AA133507, AA887062, AA581050, N59845, BE181676, AA873503, AV711509, AL513597, AW301409, BG179993, AL513907, BG104782,



AL121270, BE048071, AW827203, AL045500, BF883916, AV716568, AV682249, BG257535, AW071349, AL514627, AV655645, BG257920, A1349614, AL046849, A1349772, BE018334, BF054789, BG260037, AL515047, AV710479, AV681638, AL514919, AL514791, BE048135, BF969228, AL513693, BE964812, BE047863, AL515041, AV682222, BG252914, AV682849, AV734318, AV758110, BG058208, BF724691, BG114104, A1207510, AW827249, AV723772, A1868831, AW162071, A1064830, BF795712, AV756477, AV729890, BF793187, A1349645, AW268253, BF971016, AL036396, AV758806, AV682476, AL135661, BF679377, AL047042, AL119049, BG036846, AL514935, BG168696, A1433157, A1815383, BF343172, AV723204, BG180996, BF793644, AV681857, AL513803, AL036146, AV717299, AV723062, BF969494, AV711924, BG108147, AL514015, BG110797, AL514691, BF882343, AV733326, AL036802, AV712229, AV715263, AV757096, AV710608, AV756560, BE018711, BG108324, BE964700, AV733397, BF034349, A1433976, AV757639, AW999049, AV681716, AV681630, BG112879, AV682252, AV682330, AV682772, AV758668, BF107573, BG113662, BG109125, BE877769, BG250190, AV682462, AV682792, AW238730, BE881089, AL119791, AV757327, AL121365, BE048319, AL612913, AL514793, AV681668, AV734099, AV681647, AV717179, BG121222, AV755581, AW268768, AV764282, AV760102, AV755668, A1580190, AL120854, AL513943, AV660662, AL514261, A1349598, AV704928, AV682351, AV705644, AV758592, AV681949, AL513631, AV756770, L34600, L37835, I48979, S78214, AF116602, AF116691, AF116644, AF116646, AF090900, AF113691, AF116631, AF130104, AR079032, AL050393, AF116639, AF130105, AL133640, AL117457, L31396, AF090934, AF118064, L31397, Y11587, AL133016, I89947, AF138861, AF113013, AL133606, AF078844, AF130082, AL442072, AL049938, AF130059, AL389978, AF130075, AF113694, AL080060, AF125949, S68736, AF090943, AK026045, AL359596, AX046603, AF118070, AL157431, AL442082, AB048953, A93016, AL050146, AF116688, AF090901, AF104032, AL122050, AF090903, AL117460, AL110196, AL049452, AF218014, AL110221, AL122093, A08916, AF113677, A1242859, AF113689, AF130092, AR059958, AF111847, AF119878, AF113690, AB041801, AK026865, X84990, AL390167, I89931, U42766, AK026608, AF119875, AX019230, AB049758, AL137527, AL359601, AL050116, AK025339, AB048964, AX019229, AL050149, AF090896, AK026741, AK000212, AB047615, AF113676, AL049314, AL096744, AK025084, AL162006, AB019565, AF113019, AL133557, AL050108, AK025958, AL162083, AF106862, AL133075, AL080137, AF017152, AR011880, Y16645, AF113699, AL049466, A08913, AL359618, AL080124, AF219137, AF158248, AL050277, E03348, AF116649, AL133080, AX006092, AL137283, AF119909, AL389982, AL133093, AK026855, AL137459, AF119899, AJ000937, AL133565, AK026744, AL122123, I48978, AF146568, AL122121, X63574, AK025772, AK026533, AL137557, Y11254, AK026642, AK026452, AK000137, AK027096, AK026784, AL049430, AF111851, AL117394, AK000618, AB052191, E07361, AF271350, A65341, U91329, AL049300, AF125948, AK026542, AF314091, AK000083, AL359941,

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HHPDV90	98	914163	1 - 1872	15 - 1886	AI811005, AI653359, AI743036, AI568555, AV697280, AA625521, BE048864, BG167806, AI824027, AA401229, BF448652, BF438214, N40011, AA193304, AI130747, AI936637, AI368011, AI080358, AA404268, AW236922, AI275538, AA564363, AI276027, AI624113, AI379074, AI126543, AI275570, AI368003, AA962422, AI191276, AI635306, AI480304, AI492368, W45197, AI333916, W38715, AV702601, AA443016, AI934349, AW960595, AI291511, AA731161, AA488954, AI274931, AA488874, AI582669, AW469885, AA071470, BE079773, AI581645, W38762, AW594009, AI696471, AI383502, N92570, BE646049, AA625343, AI480410, AA613349, AA824555, AI693424, AI096708, AV684337, N27277, AA861317, AA463456, AI796055, AI041748, BE896736, AA335410, AI523346, AI933211, AA194258, AW571434, AI224569, AI868719, AA451885, AA135295, AV683399, CI6240, AA360398, AA257150, BF367469, AW250238, BF515389, AW875802, AA135165, BF927607, AI868703, BE178966, N34385, N42846, AA419446, AA736543, AA584194, AI085242, AA745092, AW613813, BF801143, AC002364, AL353937, AX048063, AF217518, AC008155, AC025593, AC006241, AL049776, AL163194, AC008521, AL109976, AC027319, AF196779, AF265340, AL121926, AC020913, AC010618, AC004999, AC011508, AL356652, AL109825, AC005231, AP001753, Z93784, AC018758, AC002126, AC006160, AL049547, AC004991, AC009247, U89337, U91323, AC008745, AC011455, AC008482, AL450226, AC016554, AC020663, and AA825569.
HWMMQ47	99	915068	1 - 1914	15 - 1928	AU117578, BE747272, BE740691, BF975570, BE791051, BF982819, BF568722, BF663926, BE779854, BE258824, AL534023, AL534024, BF967781, BE253195, BE888979, BE778582, BE252033, BG036978, AV751824, BE883871, BF683473, BE263408, BF307358, BE868436, BE392981, AI804750, BF973051, AU144804, BE298007, BE779716, AU145608, BG000903, BF971699, AI146343, AW027129, AI813831, BE395342, AU144372, BF237544, AI690884, BE786397, AI090031, AA478533, AW268818, BF237818, BE857063, BE296783, AL531481, AW327927, AI378303, BF894721, AA594858, BE256127, AU159188, AA147836, BG054746,

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HBGNY08	100	915214	1 - 416	15 - 430	<p>AX046405, AL389935, AR081734, AL137550, AF230496, AF017437, AF119899, AB048888, AF217998, AF069506, AF143723, AL137258, AF141289, AL110296, AL157464, AK025209, I26207, AF260566, AL050155, AJ012755, Z97214, AF055917, AL12522, AL133560, AJ250403, AF151076, A08908, AK024533, AL133093, AK026870, U67958, AL390154, AF113699, AL080110, A08913, AF116654, AX015425, AK025435, U68233, I92592, AF026124, AK024855, I09499, AF004162, AR005011, AL110222, AF102578, AJ001388, AJ004832, AL137479, AL110218, AL137716, AL049347, AL080118, AF026816, AK026649, X61049, AF132205, AF098484, AF116639, X72624, AK000083, U72620, A08912, AF130099, AL050116, AL096720, AL133565, AF098162, AL122123, AB044545, AR038854, AR022283, AK027200, AL080124, A18777, AL122110, AK027114, AL117463, AK025967, AK026583, X80340, AK025092, AX015403, U87620, S77771, AB049852, AL096728, AL117435, AB030279, AF008439, AK000653, A08911, AB049892, AL137627, AK026547, Y10823, I46765, AF183393, AJ238278, AK025350, AB007812, AK000323, AF047443, I25049, E06788, E06790, AF146568, E06789, U91329, AL080074, U72621, X96540, AB035194, AK026506, L13297, A08907, AB048994, AK026374, AK024594, AF119871, AF116609, U58996, and A49139.</p> <p>BE880116, AI052526, BF826007, AW168408, BF828616, BF828602, BF825755, BF337344, AI972366, BE221760, AW291494, AW296202, BE221730, AI659795, AI376244, BE502654, BF061519, AW628280, AW628245, AI250922, AW025770, AI142836, BE881510, BE933447, AI042083, AI621341, AI927233, AI824576, BF125935, AI628284, AI379711, BG114432, AW827289, AW088134, BF813177, AA740450, AW051088, AI589428, BE540578, AI637584, AL515173, AA731026, AV727136, AI633297, AW089006, AV709543, AV726200, AI609375, AI890887, BF812937, AW163834, AW051059, AI432570, AI819202, AW172878, AI537677, BE880341, AI567582, AI474646, BG029829, AW026882, BG251264, AI537643, AA738052, AV681719, AW410259, AW132107, BG178351, AI634682, AI445620, BG257656, AI581139, AI475371, AI421091, AW084056, AI813633, AI934011, AL513823, BE875243, BG029053, AW169001, AI345688, BF997967, BG122594, AW020397, AA732156, AI289791, AI679550, AI250627, AI801325, AI445256, AA088789, AL514267, AV681859, AI680453, AI583578, AL048323, AI698391, BF913616, AL048340, AI625701, AV682450, AW152587, AI249877, AI366922, BE895765, AW081383, BE965330, AI401697, AI687728, AI540674, AI561356, AW162194, AV682366, AW157183, AW827206, AI587606, AI263584, AI936003, F26535, BE963310, BG113299, AI273142, AI536574, AL514455, AI433611, AI458588, AW025279, BG164117, AI826415, AI440238, BF343521, AI890412, AW983832, BF924856, AI471429, BG256592, BE880182, BG117653, BG163353, BE791620, BE536058, BG032036, BE061378, BE877769, AW080746, AW834282, AI799540, BF032910, BF911528, BF822127, AI476076, AL513947, BE874133, AW673679, AI310332, BG122101, BE889355, AW192461, AW074605, AI866820, AL042382, BE965455, AW983829, AL040241, AI800473, BE544111,</p>
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					AF111849, AF155221, AF017790, AK026624, AF180525, AL050138, AL389982, AF061573, AL133560, U75932, AC003032, AK026633, AB047248, AF065135, AF107847, U90884, AF119871, AF141289, AR070212, AB049900, AF177336, AB047953, AK026947, U86379, and AK026630.
HODGH45	101	917394	1 - 929	15 - 943	<p>AW275585, AA489939, AA480561, BF887136, AL285651, BE161469, AW057760, AA648942, AW072963, AI086603, AW630599, BE677227, AL138119, AA280886, R22196, AI038990, AI935827, AI446424, AI754064, AW500532, AA731859, AW555729, AA360082, AI174703, BF792103, AW275640, AI952885, AA425283, AW080062, AW935456, BE967607, BF748493, AA584360, AA330435, AI869406, AV683406, BG231195, AW802912, AI300608, AI183727, BF812696, AA548811, AA489390, BG230829, AW342042, AW963785, AA086391, AW975247, H66812, BE171849, AA345665, BE154761, AA016062, AA370761, AI823395, R43468, AW850089, BF530611, AV695910, BE974200, BF698734, AI623505, AI271693, BF933309, AA551580, AA826079, AU151751, AA018175, AV704185, AW169183, AI028148, AI275989, BF770872, AL043285, AW964164, AA021421, AA640305, AI433262, AW750527, H86246, BF958025, BE154704, AL048969, BF34854, AI274462, BE744372, AL049553, X94359, AC005535, AB032485, AF229986, AB000931, AC004922, AC009362, AL109806, AL158815, AC004835, AC006132, AL035460, S45332, AC002985, AC005000, AC008102, Z92844, AC006166, AL136321, Z79488, AF217403, AF124730, U58047, X69907, AC005251, AL157372, AL008726, AC002477, AC004996, AC002039, AC006115, AP000049, AP000311, AP001718, AL121917, AL080245, AF003626, AC005049, Z98742, AC004000, AC003969, AL162458, AC018663, AC009487, AB023051, AC004643, AC005846, AC005179, AC004650, AJ003147, AC006576, AL136307, AC020934, AC000115, AC010205, AC004811, AC004913, AL160053, AC008403, AF243527, AL353807, AL009181, AL031311, AB040900, AC007249, AL035659, AC009484, AL163249, AL031390, AL133163, AF045555, X84066, AC006317, AC007021, AF060911, AC068499, AL079341, AC020904, AK023361, AP000512, AK026899, AK000252, AC005224, M94634, Z48051, AB004907, AC005944, AC006162, AL050328, AC012442, AL353777, AC006474, AC003688, AC005057, AL034420, AC004148, AP001068, AL445196, AC006137, AC007845, AC004477, AL121653, AL133545, AL139327, U91326, AC006011, AC005154, AL035404, AC011465, AC007879, AC009311, AC005519, AC006376, AC016025, AL137818, AF196779, AC005701, AC008038, AL109804, AC005228, AC004797, AC005409, AC005326, AC004965, AP000221, AL138836, AL135381, Z85995, AC022432, AC073323, U73648, Z99128, AL121890, AC006075, AL139383, AC006121, AC009123, AC006249, AL034380, AL137795, AC004659, Z97206, AL121751, AL031847, AC015550, AC002037, Z69890, Z68287, AC005335, AC004225, AC011491, AC008626, AL118520, AC005962, AC025472, AL133551, AC003101, AC009032, AC005779, AC006388, AC005003, AL008636, Z95116, AC004883, AC004585, AC006455, AL031427, AC007114, AC005098, AC005859, AC005037, AL031280, AC002110, AC000405, AC005546, AC002104, Z99291,</p>

HWLKE58	102	917716	1 - 2567	15 - 2581	AL035420, and AC004907. AW957184, AL520230, AL135399, AL515934, BE618778, BF056891, AL520231, BF966712, AI633878, AW515316, BG032703, BG027920, BE042542, AW088411, BE883723, AL518067, BE218306, BE644805, BF087512, BG054496, AW207435, AW771521, AA902264, AW083012, AI818209, AW105148, AI669659, AW514659, AA126445, BF516057, BE465947, AU152940, AI927938, BF031562, AA310489, AW410334, AW182807, BE465917, BE763696, N21466, AA767314, AI420205, AA054496, AA938728, AI493810, AW771502, AI743602, AW675411, AI090291, AI283114, D81907, AI417561, AA427677, N66098, AA043792, AA573278, AA427532, AA431514, AI752320, AI819645, W19853, AA186486, BG003474, W00707, AI278309, BE349516, AA292620, AI366801, AA058340, AW512566, AA349431, AA973972, AI434568, AA349432, BE221654, BF104164, N62707, AI631297, AA766576, AA345941, AA588743, AW189042, AA724174, AW089555, BF432696, AA187281, AI638738, AI678159, N98699, AI440413, AI917203, C02522, AA829470, AA431188, AI332895, AA653570, C00128, BF998349, AI702887, T40865, AA970774, D79887, AI753861, AA766639, AI752319, D78858, AA809488, AA360504, AI962149, AI440138, AA456027, BF352331, T39804, D62361, AW149169, AW089455, T39783, BE618245, AA328062, AI220712, AI925346, H83314, AI668846, T40872, D78824, AI932606, R77568, BE782129, AI587187, N90043, D61745, N78427, AA300827, AA174177, AA350598, AA043666, R61473, BF089446, AW514435, AI126569, BF089445, BE536123, AA329088, AW796219, AW796258, AA45387, AA292619, AA096434, BF570490, AI624981, AI749472, BF637084, BF838288, AW275782, AW275777, AA704575, AW089135, BE940131, BE163882, BE163878, BF090691, AA348799, AK023143, T39879, and T39889.
HRADL40	103	919433	1 - 1047	15 - 1061	AL523954, AI057097, BE737274, AI740479, BF972939, BE792858, AI797405, BE250379, BE409256, AI418377, BE513939, BG032129, BE734267, BG167040, AI814639, AI817600, AI743696, AW268351, BE563371, AI889412, BF970634, AI623409, BE409777, BE268371, AW612995, BE250540, AW105242, BE464854, AW117856, AW272529, AI745423, BG059988, AI520744, BE407785, AI802882, AW951521, AU151633, AA988074, AA587623, AI864929, AI091730, AI766700, BE299112, BG165794, BE785114, AI382349, AI827080, AI056586, BE387632, AW083461, AI168189, AU129529, AW188543, AI962116, BE789666, AI880229, AI868331, AI338997, AA157276, AW002329, AA258412, AI364317, AW204445, AW197889, AA449331, BF826010, AI564865, AA775328, AW196304, R84307, AA988067, AW473206, AW249890, AA858029, AI480058, AA157315, BG036425, AA192986, BE940591, AA302199, BF109749, AI261917, H08847, T29752, AI742031, AV744823, AW197790, AW197780, AA364515, AA157347, BE205948, AI193424, AA405800, AW243173, AA135269, AA135188, AW250551, AA846661, AA192649, AI760066, AA601382, BF797658, AI036368, AA157251, Z25820, L24774, Z25823, Z25824, Z25821, AC007162, AC005212, Z25822, and U80735.

HOFMP73	104	919895	1 - 2026	15 - 2040	<p>AL534904, AL332610, AL516508, AL518341, AL537853, AL535425, AL536043, BE779892, BE742082, BF342824, BF689584, BE728130, BG036052, BE616486, BE908269, BE263125, BF342337, BE901909, BE744162, AW239327, BE744723, BF314677, BE740545, BE312905, AI909673, BE892672, BF038574, BE741530, BE737150, BF312905, BE616822, BF032371, AW966195, AV683435, BG119309, BF037944, BF314356, BE735054, BE747683, BE907163, BE735491, BF311641, BE260982, BE271649, BE743218, BE736799, BE261948, BE279316, BE313251, BE742646, BE272420, BE336884, BF690789, BE871599, BF689557, BG260726, BE612361, BE737259, BG113153, BE892856, BE281294, AV706514, BF315657, BE898510, BF689643, BF316842, BE261398, BG036139, BF725733, BE339964, BE313385, BE260757, BF525729, BE788732, BE622344, BE742327, BF724840, BE386718, AA037208, AW996326, BE741341, AW160971, BF351816, BF930665, BF976960, BG117567, AV653871, BF984362, BF317414, AW393167, BF691819, BE168310, BG035435, BG252355, BF571880, AA179450, BG119955, AA428750, BE256703, AW390219, BE179920, R91114, AV728232, AI907139, BF087769, AW804565, AI142132, AV647759, AI142136, BF755012, AV723986, AF062716, R52199, AV646258, BE785514, BE260283, AW838307, BE908603, BE174669, BG118190, AV696733, AA082368, BE174445, AA372215, AA337535, AW368737, AV725049, AV658276, AW948691, AW368840, AW948696, BF037070, AV733360, BG121951, BE698728, AA788902, AA559314, BE259919, AA385829, BF341835, BG118704, AA337949, AA360462, AW948698, BF930434, BF923596, AA376841, BE172795, AV692780, AA362386, BE173127, BF913320, AW068069, BF692127, AW068800, BF803377, T17996, BE173259, AA305777, AW948694, AV708415, W32145, AV709872, BE167028, AW385218, BF081248, AA337859, BF351796, BF844572, AW947386, AA339979, AA379722, AA853192, BF830253, BF907280, BE172880, AA336721, BF032429, BE839327, BE772910, BE772907, BE839310, BE841076, AA337414, AA361134, BE772895, BE839302, BE772893, BE772902, AW450427, BE841048, BE839324, BE772901, AA307018, AA357376, AA360603, BF830142, AV734812, BE170712, BF761106, BE839315, AV648046, BE229791, L16510, M14221, AF285442, AX013195, M13230, Y18460, L22569, L04859, AJ010277, AF044323, AF078844, Z97214, AR050959, X75295, AL137711, AF274348, AF274347, AB052191, AF118094, S82852, AL353940, AB048913, AL133084, AB047947, S83440, X93328, AF032666, U92992, AR068466, AF171061, AF013214, X66871, AF159148, AL050172, AB050431, AK027116, X62580, E12580, I09499, AB051158, AL389935, AL121952, X98066, AK026885, AL137459, AF126488, AK024747, AF090901, AL136984, AK026642, AF116609, S73498, AL080148, AK025350, I17544, AK000250, AR038854, U62807, AK0912, AL355719, U95114, X06146, A08911, AL133665, U89906, AK024594, AB048919, AK025632, AK025658, AK026570, AF139986, AL110222, E02221, AL096728, AL161802, AF130104, AF116691, AF119336, X66862, AF098484, AF218006, AL389947, S76508, U72621, AR064250, U96074, AL137461, AF007142, E12806, E01812, AF113222, AF195092, U42766, J05277, X72889, AB020592,</p>
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						X61399, A08913, M92439, AF094480, AL137533, AF167995, X00474, AF130055, AF204760, AK025484, AF061981, A08910, AL049452, AK000489, AF116631, AL080118, A08909, AF094850, AF067790, AL122110, U83172, AF119883, AL359941, AK026633, AL162083, AF119894, AK027096, AF119899, AL117587, AB041801, AK025906, X80340, AK025092, AL050116, AK025113, AB047883, I32738, AF287051, AF208026, AF002672, AL162079, AF130110, U80919, AK025465, AF116573, AF102578, A1005690, AL110218, AP000081, AK026556, AL080060, A08908, U96683, X96757, AL096727, AR083264, X66975, E02349, AC004554, AF130342, AL355701, A18777, S79832, AF145233, AF038847, AR070212, Z82022, M85164, and AK000247.
HOFMS02	105	920253	1 - 374	15 - 388		AA076264, AA085092, AA080989, AA063334, AA075694, AA084890, AA069099, AA084855, AA084814, AA078759, AA083056, AA083017, AA074846, AA070575, AA069969, AA082755, AA075614, AA075818, AA100017, AA070377, AA070995, AA065075, AA113255, AA070965, AA070321, AA075784, AA075592, AA085065, AA134716, AF093677, L07095, V00711, AB042523, AB042524, AB042809, AB042432, AB049357, L07096, and I62858.
HUVHDI2	106	921707	1 - 2708	15 - 2722		BE729461, BF795181, BG108619, BF309103, BE733125, BF027564, BF309068, BE296065, BE281099, BE298511, AW410246, AW409779, BF526623, BF308487, BE298767, AW271999, BE299141, BE298938, AW070334, BF309208, A1810901, BE221973, A1693910, AA029642, A1435095, BE388330, A1765687, AW510727, AW470549, A1862580, A1394548, A1972685, BF589734, N98473, BE223075, BF475345, BF434507, BG059921, A1809960, A1762024, BE779192, AW073339, BF221682, BE856254, BE044436, AW410326, A1763319, AA029710, BE302520, BE465271, A1701495, A1017268, A1799592, A1401766, A1392786, BF308873, BE270326, AW131646, BE390072, AW593466, A1371702, A1638231, A1655706, BF939266, A1369175, AW409726, A1204980, BF308645, BE859057, BF593536, BE205950, AW663740, A1360022, A1278134, AA632035, AA039563, BF056862, A1570638, A1204500, A1362875, BE294172, A1340928, AW294855, A1424041, BF196199, AW237311, A1459219, A1766885, AW016416, A1203132, AA504431, BE551227, AA447758, BF111136, A1910708, N57532, A1767238, A1421493, BG231658, BF740107, W56299, AA279292, W55871, AA845967, A1340930, W76092, A1870442, N49400, N66084, A1051272, R49397, AA834166, N92406, W61301, AA977863, AA279270, AA453689, N49489, BE279899, AA039564, N51462, BG054588, R73170, AA911075, BF475817, BF851978, AA769921, A1378019, BF224168, A1928755, AA379570, AW269014, AW592153, A1886020, BE044396, BF852201, T47196, BF852157, T90531, BE081267, AA300798, AA323087, H69590, A1653392, W72845, AA323218, BF054948, BF111142, T83066, W24631, BF924523, BG149504, A1886244, W65365, BE075405, W24197, A1354659, A1419610, T81327, BF917322, N79047, A1880342, AW449928, BE218696, N46989, A1419132, BE219972, BF304931, AA504197, BE299549, A1370420, A1651959, R02389, Z42404, Z38611, AA676675, N53602, A1350904, BF205597,

HMVDQ41	107	922191	1 - 1980	15 - 1994	T15353, BE828535, AL445192, AB037836, and AX018071. BE908874, AA403039, AA772356, AA890039, AA706235, A1796685, AW958911, W56103, AA639769, AA707393, A1971384, A1400642, BE349391, A1419056, AA931654, A1074056, AA725449, AW752569, A1278287, A1051080, AA934509, A1056195, A1827412, AA291642, AA252870, A1278795, A1077777, A1344740, AA855074, AA287208, N99681, AA625359, AA707796, A1085793, AA910676, A1375275, A1277706, AA968653, AA482049, A1040845, AA004744, W56146, AA128102, A1038120, AA926651, A1808622, W42934, A1241340, A1419232, AA938251, AA481865, BF939403, N62191, A1350660, AA846421, BE174045, AA928335, AA987944, AA805065, AA325681, A1188852, A1266586, AA401330, A1022609, W37593, A1459456, AA514539, AA480369, AA938533, AA694474, AA694542, AA642598, A1085080, R55037, BF885412, A1719065, A1022981, R36922, A1868718, N94983, AW204000, H62802, AA284488, AA125812, H62716, H41118, AA639530, T49454, T49455, BF772108, AV698354, AW847806, H42251, T36167, A1350924, AA782685, AA252893, A1051453, R10302, AA214099, W86591, N76488, H42250, N59273, BE165692, AA781103, BF985470, A1191721, AA680383, H22403, R10303, N71946, W19456, BE142862, AA977361, H22370, W42869, BF935739, R55145, W37488, BF942272, BF942336, A1309601, R10631, R10632, N76744, AA213991, BF929098, T24749, AA725118, AW753876, R55007, AA090452, BE146939, BF772122, A1247921, AW028468, BF939755, A1084241, BE348377, BF991587, H58310, AW058434, BF947830, BF991716, BF947297, BF991604, BF943751, BF947310, AW839223, BE075398, BF764247, BF846830, A1137496, AF303378, AF300796, I76236, I76219, AC023790, A1117345, AC005373, AC010326, AC006584, A1111168, AC010205, V00589, X57170, AC007182, AC007221, AB019437, X06789, A1133472, J00063, AF193582, AF193580, AF193585, AC007954, AF193581, AF193586, AF193587, X71804, AF193590, AC006449, X83747, X83748, AF193588, AF193591, X71799, X71800, X71797, X71802, AC026704, M10817, AC005409, X83746, X12811, A1109797, A1158824, AF193592, X12622, X16851, X58365, AC004787, AC007131, AB015590, X04309, A1162718, AF099810, AC005284, A1138976, V00647, L49397, X58368, M35175, X04308, K01374, X58367, M74438, X83749, X63147, J01861, M13919, M13920, A1135978, K01537, X63146, X63145, V01426, J01009, AC007955, A1245808, A1242468, A1050331, X56635, X56631, X63148, A1237911, V00648, S73106, X56637, M13375, X56632, AF284748, AB001499, AP000350, AF284747, X56636, K03511, K03510, AB001495, AF250529, AB001492, AB001493, AB001494, AB001498, AB001503, M13921, X05867, AF250528, AB001501, M18680, AL031658, AC006120, and S73107.
HODGI03	108	922879	1 - 216	15 - 230	
HODHD14	109	922955	1 - 734	15 - 748	A1670994, AA457520, AW008614, AA284465, AU147140, AA834633, W91945, BE879668, BE382371, AA179361, BF841870, A1221804, AL034369, AC008468, AC007394, AC006079, AF003528, AC006231, U96409, AL049834, AL132671, AL121875, AL049594, AC005274,

					AP001538, AL137787, AF022141, AL023693, AP001674, AC002478, AL008627, AL118508, AL161892, Z93015, AL445490, AL157359, AP001724, AJ229041, AL033397, AC005857, AC005226, AC004460, AL445143, AC010389, AF245226, AC011294, AP001693, AC068919, AC020549, AF109076, AC004237, and AC010223.
HODDC03	110	925296	1 - 528	15 - 542	AC009329, and AC020581.
HVCAG04	111	925735	1 - 1594	15 - 1608	AI936826, BE271770, BE385990, AW149665, AW590950, AI990500, BF126050, BF432379, BE392412, BF439382, BE395797, BF125134, AI884686, BE395581, AI742092, BE858216, AW150789, BF939693, BF594242, AI859538, BE378674, BE350014, AI018769, AW338938, BF726459, AI336858, AW075598, AW148557, AI423162, AI363261, AI150931, AI459805, BE395206, AI765236, AW954549, AI391683, AW191974, AI202043, AI173383, AA626797, AW087372, AW075549, R11723, AI937602, AA084249, AA419229, AI566797, AA419214, AA613995, H17965, AV725028, AI499630, AI272281, AA084248, BF054837, BF054680, AA075710, AA075743, AI263480, BG057775, AW771806, AI869176, AA834860, AW128849, AA780222, AA970361, AA574173, R17696, BF935708, AA775244, AA827444, AI969011, AA706146, AA665640, BF726644, AA173739, AI480207, AA496806, H06707, BF508715, AA082074, R14544, AW768971, H17189, AA349894, R43737, AV717094, R41205, AV727120, BF219218, R20352, AA776783, AI767459, AV747689, AI141302, BE386060, AI421975, H06756, AI582720, AI054234, AA582576, BE041936, AI140655, BE746601, BE736301, BF345141, AI299246, BE899287, AI138793, AW014802, BF477409, BF432690, BF125664, AA349893, AI817194, BE827461, AA102212, AA620332, BE858655, BF347279, AA960903, AA994321, AI266676, and AF034633.
HCRCE02	112	925837	1 - 1551	15 - 1565	AW082702, AW182938, N76185, AI760396, AW058256, BF939004, AW890838, BF438133, AI800552, AA996239, AA774721, N39067, AA984011, AI094521, AA456754, AA573698, N95736, N63430, N64772, AA836623, AW890829, T56007, H28396, N48422, H28371, and Z82254.
HHERA91	113	926067	1 - 2542	15 - 2556	AU124593, BF305985, BE793458, AW411525, BE746024, AW411524, BE745264, BF792014, AW845240, BE378421, BE272083, BG036629, BE273980, AV684577, BF340012, BE873767, BF033645, BF984116, BF980548, BF306936, BE780737, BF436316, BF968051, BE392778, AU148420, BE777873, BF970020, BG254594, AV707425, BE898179, BF969458, AA442297, BF307860, BE176556, AI921390, AW083114, AI432643, BE857417, BE908252, AA434090, AW135378, AI907299, AW129697, AI907302, AI559576, BF306438, AW088122, AA577937, BF855709, BG114638, BG005738, AA437232, BF196470, BF850283, BE905441, BF803784, AA558517, AI952737, AW848212, BF810009, BE076517, BF804862, AW020932, AA434362, AA357638, BE272724, BF741455, BF933621, AI834236, AI653899, BF837849, BF964440, AA479851, BG011157, H53665, AI674310, BF741442, BF799562, AA496510, AA853878, BF033991, BG170573, AW292697, BE396149, AA428249, AA477491, AW973725, BF807612, H53626, BF968611, C01952, N41205, AA430740, BG222431, BF765880.

HAGDL82	114	928396	1 - 1864	15 - 1878	AJ277437, AK022597, and AK000530. BF038718, AI052255, AI627552, BF433190, AA890036, AW467145, BF513360, AA679966, BE567783, AA932501, AI655727, N95443, AW613958, HI3551, AI308231, AA678372, BE567435, AA861702, AW661963, AW661972, AA844485, AA768243, W69720, W69848, AI025683, N42789, N69505, AI271962, AI953406, AA398963, W24323, AI004883, AA564406, N31480, AW296874, N76230, HI1150, AA005413, AA398826, AI770002, AI061173, AI147037, R39153, AW859636, AW859227, Z45949, N54527, AI672289, BF671244, HI1062, AA661956, AW970819, RI4035, Z41567, AA005414, BF095740, BF095666, BE774830, R01400, AA811935, HI5726, AI080087, R01399, AI611688, AA491284, AA582554, AA121777, AI079910, AI569086, AI888441, AI298710, AA468923, AA593471, AA565426, AI733856, AI285696, AI040051, AA332989, AI471691, BF842195, BF337291, AA346586, AW327624, AI160117, AA678436, AA302970, AV763538, AI917132, AA191418, T15897, AI035455, AI049985, AC016831, AC004543, AF017104, AL139182, AF200465, AP000963, AC009294, AF205588, AC074331, AC007386, AL136305, AL122001, AL035451, AC004965, AI229041, AL109919, AL133238, AP001732, AC007405, AL049696, AP001696, AC020898, AL078462, AP001601, AL117337, AB042031, AL121897, U89335, AL353739, AP000472, AC008534, AP002529, AC006195, AC007390, AC007376, Z97985, AC018897, AC006479, AC009493, AP001683, AC007364, AL117187, AP001698, AC005772, AF015720, AL021939, AL356503, AC020655, AL133355, AL078593, AC064878, AL139395, AP002533, AC007221, AC004804, AL049643, AC007545, AC009223, AL135839, AC002525, AC007388, Z84470, AC009179, AL136084, AL121578, AC005899, AC004385, AC005911, AP001712, AC006197, AL022310, AP001706, AP000518, AL049712, AF107258, AC005066, AC004547, AC005701, AL080317, AL031733, AL163268, AL354872, AL391374, AP001697, AL359704, AL137067, AC007842, AP001669, AL136139, AL160033, AF003529, AL031985, AC007157, Z97181, AC006144, AC069298, AC005326, AP001328, AC007077, AC004655, AL391986, AP001700, AL021528, AC008896, Z70272, AL354720, AC007316, AC007102, AL161804, AL050335, AC007653, AC007528, AP001677, AL133284, AC049588, AL117333, AC009468, AC024162, AL122057, AF188025, AL049759, AC009406, AC083863, AB020868, AL445188, AL136300, AC009470, AC004817, AC011248, AL109828, AC007907, AC004865, AC025765, AL160191, AC069026, AC008842, AL135744, AC004867, AL022717, AL121757, AL138958, AL121583, AL445604, AC010596, AL121919, AC011890, AF027390, AC010363, AC006019, AP000466, AF265340, AC005324, AC007790, AE000660, AC010165, AC007597, AC007563, AL035458, AL022719, AL022165, AC005822, AC002288, AL132718, AP002898, AC011452, AL122002, AL137143, AC008074, AC002086, AC026197, AC002472, AC022013, AL031768, AC019171, AL049709, AL050310, AC002422, AC005071, AL132773, AL109801, AP001672, AC007050, AP000355, AL137851, AC004047, AP001694, AL389983, AL157413, AC008071, AL117338, AC009506, AC027689, AC000003, AL121593, AC004103, AL050307,
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HWBDS34	115	930484	1 - 3044	15 - 3058	AP001346, AC007845, AL035653, AJ006996, AC005058, AP001172, AC008079, AP001598, AC022274, AC007262, AC006205, AL390755, AL096776, AL158832, AC003071, AC004053, AL049745, AA025596, and AI625270. AU130359, AU118385, AU130640, AU127870, AU127056, AU128471, AU129803, BE886921, AW188126, BE889704, AU128544, AI114658, AA779297, AI936493, AW188141, AL045312, AI553970, BF002279, BF671616, BF061427, AI139399, AA406422, AW151544, AI150128, AA194584, AW131406, AL047872, A087327, AI004128, AA887912, BE708344, AI801388, AA010422, AA194501, AI500467, R66419, BE150925, AU117686, H83852, AA973155, H08158, AI910805, H83831, R01915, T75488, AA058677, AA471337, Z41823, AA774580, AA010394, BE041711, T75527, R52813, AI000146, AA214136, AW014661, AI910431, AI798347, R57531, F03794, AA213958, R01963, BE838102, BE707063, BE706963, T86495, R52845, BF110371, AK027051, and D87466.
H6ESA39	116	933568	1 - 1250	15 - 1264	BF033707, BG116039, AI820052, AI399661, BF940969, AW188045, T26603, AI674067, AI091805, AA477591, AA480288, AI218039, AI300906, AW978872, N71816, AI936066, AI245622, AW194052, AA291409, AA639600, AA778322, BG057053, AI334794, BF732599, AI378435, AI201307, AA918657, AW102947, H01857, AA861142, AI352598, AA302632, AA992931, AI360566, AA931399, AA847869, AW967258, AW081519, AI869896, H01858, AI698735, AA403312, AA936581, AA972408, AI025530, AA143416, AA781469, AW341711, AW003441, R46670, AA613528, AA757047, Z92544, and AI391671.
HPCOR06	117	933678	1 - 457	15 - 471	AA455081, AI263465, BF912280, BF912197, BF912198, AC004980, AL109626, AC006031, AC008774, Z83819, AL445590, AE000659, AC026188, AF003529, AL133328, AC023478, and AC034195.
HTFNO06	118	933989	1 - 909	15 - 923	BF684524, BF340318, BG107767, BF681126, AA497123, BE250611, BF673679, AI925369, BE778532, BE250414, AA497045, AI193675, AI125248, AW301040, AA001314, AA063616, BF109644, BF516348, AA039474, AA039475, N91255, AW630056, AW613821, AI991147, AW970517, AI306650, AI128891, AW627576, AW515210, N92376, BF446911, AA781865, AW007579, AA467823, AW630816, AA938705, AA706012, AA467879, AI695530, AA040221, AA831695, AA541653, W73974, AA872459, W72343, AW103804, BE076374, BF331452, AW605476, AA001684, N26202, D31084, AI245152, W19909, BE932204, AI583969, AI672730, AI707545, AA551882, AA578108, AW088337, AA036698, AI365605, BE841269, AA578193, BF931099, AW605475, BG153138, W24618, C02159, W04846, AW975002, AW979204, AW975037, AW976024, AW975942, AW975965, AW971975, AW972845, AW979127, AW972292, AW975032, AW979238, AW975031, AW975628, AW971403, AW976023, AW971404, AW975105, AW969680, AW979208, AW974801, AW975954, AW971968, AW969839, AW972721, AW969885, AW975952, AW974998, AW969791, AW975930, AW974786, AW970942, AW971732, AW975876, AW969673, AW979098, AW973219, AW971375, AW973254, AW979090, AW979106, AW979176,

					<p>AW979002, AW973213, AW973717, AW975971, AW975154, AW975981, AW972296, AW972377, AW975632, AW975966, AW974964, AW969643, AW973750, AW979294, AW970936, AW975149, AW975649, AW975028, AW973209, AW975025, AW975254, AW974785, AW974823, AW976511, AW974806, AW974658, AW975585, AW976031, AW974975, AW975027, AW975020, AW971326, AW975019, AW969852, AW971254, AW975990, AW972849, AW970889, AW972867, AW975692, AW979220, AW970969, AW979219, AW975959, AW979169, AW973819, AW969816, AW973185, AW979212, AW969861, AW974802, BG151745, AW971378, AW975634, AW975015, AW979054, AW975167, AW972226, BG153750, AW972660, AW969727, AW973814, AW973775, AW973217, AW969768, AW975896, AW973779, AW976003, AW969874, AW976000, AW975434, AW973262, AW973270, AW970113, AW972884, AW973202, AW972695, AW973805, AW972719, AW976515, AL039074, AW975976, AW979165, AW976510, AW971954, AW972680, AW975975, AW969884, AW972943, AW969759, AW979083, BF592735, AW976982, AW970587, AW973650, AW979175, AW969931, AW973986, AW979064, AW975938, AW975016, AW975138, AW975968, AW970921, AW969766, AW972709, AW979116, AW972806, AW973987, AW975910, AW975943, AW972689, AW972706, AW973164, AW974374, AW970097, AW973824, AW971964, BF588769, AW975904, AW974379, AW969752, AW976037, AW973718, AW973967, AW975933, AW973734, AW973207, AW972882, AW973104, AX046357, AR060234, AR023813, AR066494, AR064707, AJ279014, AR096545, A81671, and AR096546.</p> <p>AA747608, AW975995, AA256200, AI431918, AW886025, BF965611, AI621212, AW867016, AV645418, AI436124, BE048562, AW898294, AW880127, AW880440, BE081675, AW997462, AW880432, AW880266, AW946173, AW880359, BE170427, AW880049, AA228900, AW862989, AW899139, AA558500, AW796080, BE816601, BE010148, AW996482, AA640849, BG057615, AW996413, AW893101, BE816610, BE170365, AW270207, BE000410, AA501690, BE827577, AA721598, AW237896, BE181299, AW237940, AW996346, BE088714, AW795108, AA501719, AA557437, AA910096, AW063981, BE170597, AA503566, AW275631, AA259218, AW996170, BE091646, AW899295, BE082424, BE835169, AW946231, AW996655, AA640998, BE826780, AA713882, BE082418, BE826740, BF332416, BE091167, AW866936, BE082383, AW887658, AW894357, AW946277, AA715611, BG059116, BE089449, BE826743, BE170594, BE826769, AA613748, AA658572, AW880433, AA225819, AW946266, AW238729, BE835200, BE835202, BE082440, BE080195, AW865798, BE079906, BE079912, AW865618, AW880070, BE082419, BE082423, AW880128, BE082437, BE827556, BE816607, AW868862, BF478324, AA226655, AW796081, AA632977, BE168364, AA558278, BE699508, AW894540, BE816614, AA170820, AW884606, AW892161, BE089273, BE816615, BE183896, AW821605, BE007276, BE089602, BE184051, AA650193, BE082421,</p>
HODFY08	119	935520	1 - 456	15 - 470	

HRACK27	120	935717	1 - 2723	15 - 2737	BE835160, BE089293, AW903394, BE089284, BE083828, BE826770, BE089287, BE163413, BE826782, BE835197, AW866656, BE826771, BF735344, AW887483, AW893432, AC006020, AL049780, AC007055, and AL132855.
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HRACW30	121	940639	1 - 1092	15 - 1106	BF976230, BF976543, BF663472, BF976289, AV695127, BF976253, BF663527, BF976434, BF664290, BF975568, BF975451, BF976042, AV703739, BF663671, BF662874, BF975121, AV734840, BF129120, AW575927, BF128686, AW406521, BF664479, BF673606, AW604752, AV651251, AV712126, BF106245, AV683248, AV702504, BF976443, AV682465, AV711839, BF976623, AV696029, AW406562, AV696611, BF663521, AV700457, AV700525, AV696032, AV646747, BF663670, BF663052, AW575963, AV688963, AW950221, BF975235, AW575415, AW575346, BF106080, AV646708, AW575364, AV733319, BF97505, AV733390, BF663197, BF681319, BF663098, BF664317, AW404714, AV686096, AV683109, AA522693, BF526853, AW864112, AW961249, AV651284, BF974584, BF087519, BF663982, BF664384, AW604755, BF663385, AV694333, AW951137, BF340407, BF975821, AI354387, AW406081, BF976602, AW383594, AW379839, AI569037, AW369231, AW406564, BF795850, AW574924, AI921456, BF976146, BF106352, BF976244, AV653568, AV705457, BF976259, BF375248, AW605034, AW380142, AW964425, AV734918, AW576109, BF878285, BE149494, AI432569, AV720327, BF663826, AI694098, BE711071, AI208910, BF881717, AV688287, AI355534, BG107363, BF976425, AW856063, AI254719, BF878299, AV687177, AW582319, BF337917, BF976649, AV698744, BF869617, AW405980, BF883209, BF829419, AW404417, AI990966, BF128841, BF106055, AW383598, BF795261, BF810843, AI250870, AW405817, AV681466, BF870064, AI749799, BF663663, BF105950, BF812159, BE932420, AW383602, BE939490, AI347602, AW383450, BF128587, BF878293, BF976618, AW383597, BF883316, T58152, T89330, BF878296, AW405753, AW793702, AV692938, AV734331, BF829413, AW383454, AV734312, AV690568, AW383452, BF842477, BF664084, BE064617, AW794639, AV682898, AW383536, AV690475, AW383539, AW383625, AW864088, AW382758, AW391263, AW383549, BF829086, BF828085, AW383591, AI933674, AW406495, BF337912,

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HOF0C32	122	941969	1 - 1883	15 - 1897	AL532432, AL532431, AU132058, BE798843, AU139276, AU119208, AU138608, BE779199, AL042862, BE619080, BE619600, AU137132, AU138251, AU139095, BE736021, AU139250, BE736975, BG166907, AV702693, AU135166, BF680307, BF724892, BG032973, BF694955, AU117328, AV699036, AL080042, BF338982, AV699058, AV683938, W02541, BF126282, BE439809, BF377282, BE047356, AA410911, AW374122, AV691776, BF762187, AW957493, AV687261, AW629925, BG252180, BF762186, BF367040, AL535766, AW899940, BF951967, AA053196, W45135, BE831552, N24471, BE545515, AV654362, AA813270, AW892301, BF356093, BF855109, AI459881, AV763974, AA336819, AA373756, T83705, AI669408, R96269, BE246428, N73356, BE677673, BE241862, Z18911, N39900, AA345382, AA090019, BF996474, R17144, H99188, AW615320, BG010667, AA294859, AA089600, H04517, BF376026, BG236821, H23366, BF889430, AW390191, BF061792, BF968205, AL046849, AI613017, BG058208, BF882343, AV727776, BG110684, AW059837, AI249257, BE781369, AL040243, AI633419, AI828731, AW129202, AI284020, AI273142, BF970449, AW196141, AI554484, AI912866, AI702406, AI445165, AI702433, BG164371, BE047952, AI872711, AI568870, AI952360, AW118512, AW131954, AI612920, AI349933, AI690312, AI570384, BF724691, AW071417, AW002342, AI569616, AI475451, AI799199, AW082040, AW169671, BG179993, AI610756, AI866002, AI433976, AW132034, AI678302, AI499463, AI610645, AI636445, AL043326, AI811344, AI571551, AL120854, BF055737, BG031664, AI224992, AI554427, BE963918, AI636719, AI539153, AI269696, AW071349, AI868831, BF792469, AI498579, AI590120, AI922901, BF795712, BF344652, AI349772, AI648684, BE964700, BE964812, AI857296, AI537677, AI539771, AW301409, BF812933, AI866608, AI866100, AI269862, BF343172, BF341801, AI308032, AI862144, BE544111, AI440239, AV732936, BG180034, AI612759, AI491852, AV735353, AL045266, AI273048, AF112227, AF153979, U49188, AK026045, I48979, AF219137, AL133640, I89947, S68736, A93016, I89931, AF218014, L31396, L31397, AF113676, AF125949, AF104032, AF090903, E03348, AX019230, AK026855, A08916, AL133093, AL389978, AF116644, AF158248, A08913, AL133565, AL359596, AF116649, AF116639, AF113013, AK026865, AF078844, AF130082, AL050393, AX046603, AK026741, AX019229, X84990, AL133557, AF116602, AF116646,

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HTTDM15	123	942511	1 - 1895	15 - 1909	BE883532, BG107414, BF314540, BE898459, BE746984, BE342496, AW958579, BF573504, BE734208, AU125474, AW953779, AW292502, AI802426, AU149129, BF575571, BG031927, AA436628, AU150986, AA076658, AA046746, BF081743, AA046670, AW294732, BF095716, AW673051, AW601449, AW601455, AI601235, H66950, H66951, R85537, AA363520, R40736, AI202299, BE092409, AA363830, BF085875, AV749014, AW190087, AA808657, T98596, AW896216, T98595, AA355808, AI910194, AA079565, AW377204, AW377198, AW377106, BE699057, AW377170, AW752839, AW362224, AI223245, BE186054, BE832662, AW579894, AW579890, BE876022, AW377180, AB007866, and AL109823.
HOVAY63	124	944031	1 - 729	15 - 743	R32912, R32812, and AL022725.
HDPFY41	125	946502	1 - 2106	15 - 2120	AL042656, BF982270, BF678765, BF095732, AW971745, AV681512, AV681529, AV681509, AV681500, AV681492, AV645393, AV645392, AV645390, AV645385, AV681526,

AV645336, AV645317, AV681507, AV681465, AV681525, AV681495, AV681505, AV681502, AV681504, AV681486, AV681483, AV681464, AV681462, AV681487, AV681506, AV681523, AV681519, AV681497, AW812618, AV681471, BF095731, AV681513, AV645358, AV645401, AV645332, AV645383, AV645377, AV645379, AV645389, AV645369, AV645380, AV645321, AV681527, AV681501, AV645400, AV645404, AV645353, AV681458, AV645334, AV681510, AV681528, AV681474, AV681514, AV645339, AV681477, AV681491, AV681472, AV681475, AV681488, BE613349, BE612945, BE622828, BE613070, BE614237, BE614307, BE613136, BE622931, BE621911, BE614230, BE622925, BE618811, BE622868, BE620742, AV681461, BE614451, BF679682, AV645350, AV645344, BE620756, AV681531, AV681468, Z99396, AW861944, AW804686, AW392670, BE695785, AL119341, U46341, AW604723, AW877209, AW372827, AW858526, AW577135, BE705903, BF868697, AW858525, BE705906, AW384394, AW861889, AW858455, AW363220, AL119457, AL119497, AL119355, AL119319, AL119324, AL119363, AL119443, U46346, U46351, AL119484, AL119391, AL119444, AL134902, U46350, U46347, U46349, AL134533, BE705905, AL119483, AL119396, AL119335, AW861954, AL134528, AW604726, BF868687, AL119439, BF868684, AL042433, AL119522, AL119399, BE705904, AL134920, AL037205, AL119496, AL119401, U46345, AL134536, AL119418, AL042450, AL042614, AL134525, AL134538, AL119413, AL119464, AB033091, AL050294, AB051127, AR080280, I25027, AR054109, I44515, I26928, I26930, I26927, I25041, AR069374, AR069375, I44516, AR091518, AX009487, AR035224, AR009152, AR009151, AR093392, AR093383, AR093384, I85513, AR027099, I05393, A10617, AR028792, A94046, A94054, A01324, A01323, AR034783, AX030966, I63120, AR067733, AX009486, AX029455, AR064322, AR064323, AR064320, AR064321, A94048, A94061, AX027785, AR038307, AR038321, A49045, I05430, A83642, A83643, AX035462, AX003194, A70359, A32110, AR083151, AR019094, A92666, A92668, I49890, A92667, A92665, AR028791, AR028793, AX032758, AR018924, AR018923, AR000006, AR015960, AR015961, A48774, A48775, AR000007, AR051652, AR091393, AX008865, AX008867, AX008868, A92081, A92080, A92077, A92078, A92079, AX030369, AX030368, AR069413, AX033488, AX033489, AX033490, AX033474, AX033486, AX033487, A91752, A91751, AR069417, AX036660, AX036661, AR068508, AR068510, AR068509, AR091571, AR085090, AR003585, I58322, I58323, A85308, A91754, AX026821, A63067, A51047, A63064, AX044426, AX044425, A63072, AR031375, AR068507, A60213, AR068506, AX046332, AR062871, AX001323, A44171, AX027908, AX027904, AX027906, A49700, A60207, A60208, A58521, AX001324, AR068550, A23373, AR068551, I58669, A29109, A32111, AX004550, AR031374, I07209, I07249, A63954, AX026820, AR019098, AR051651, AR019097, AR020199, AR020200, AR001287, AR020198, AR020197, AR029418, AR067734, AR067731, AR067732, AR029417, I89986, AX024906, AR085093, AR051957, I09121,

					Y14971, AR019096, A93444, A46342, A46343, AB026436, AR055065, AX046357, AX040911, AR054110, A30600, AR032878, AR055066, AJ251859, AX030435, A81671, AR066494, AR060234, AJ279014, and AR069079.
HCOPB92	126	948608	1 - 466	15 - 480	AC000120.
HBJHO83	127	948708	1 - 963	15 - 977	AW139587, AW206289, BF439266, AI418005, AA196170, AV721569, AI493150, AI539840, AA827263, BF525553, AA342835, AV723060, AL135079, AA992466, R84740, AA018860, AA889455, AI032948, AI086195, H05897, AA136660, AI052553, AA335442, R96455, AW341838, R96454, AI204085, AW277153, AI004047, BG253018, AI916309, BE219764, BF439900, AI123630, AW339238, AA521073, AI144557, AA935749, AW207577, AI269030, AW513165, AW611961, AI554132, BF335547, AW604457, AA777781, AA946701, AW604440, AI184875, AW578528, BF945235, AW205588, AV720037, AW373059, AW373038, BE706100, BG026120, AC007276, AC009276, AC078847, AC020910, AC008760, AC022143, AC008747, AL117337, AF205588, AL050308, Z98950, AF030453, AC005088, AL110162, AC005919, AC003682, AC009196, AC011449, AC007793, AP001748, AP001630, AL356234, AC022150, AC005229, AL031432, AK022963, AL031846, AC006987, AL031602, AC008969, and AA583226.
HWME044	128	948719	1 - 3170	15 - 3184	AUI37551, BE395366, AI304317, AW873045, AI860936, BF055055, AI394148, AI807018, BE930782, AUI57883, AI131366, BE930853, AA862613, AI377403, AA126958, AI279884, AW473660, AW297366, AI951292, AI801182, AW206733, AA659802, AI127181, AI807789, W35110, AW044562, AI263384, AA626115, AI127167, BF886019, AW474787, AA133858, AW438973, AI478424, AI350993, W23677, AU139094, H48882, AI784505, AI873664, AA133857, BF478061, BE547913, BF973166, BE154191, BE814299, AI015764, AI520921, AA295407, BF820817, AI826302, BE002337, AI891052, AA310690, R86154, AI718930, AI890831, AW999311, C02402, AA669161, BF094289, AW612303, AA506435, F05073, BF931686, AI056063, AA326471, AW962216, AA485879, BF916803, AA814996, AW995444, AA633940, AA628592, AA514284, AK023661, AL137608, AF038963, AF181119, AF319661, AC010139, AL158824, AC020647, AC004021, AC008179, AL356118, AP001625, AL121763, AL138996, AP001747, AC062033, AP001626, AL359693, AC005704, AC009262, AC004863, AC005686, AL445465, AL158159, AL031073, AC007021, AL034452, AL355382, AK021584, AL118498, AF270569, AC009113, AL158033, AC018900, AC006988, AC078937, AP001039, AC007749, AC009410, AL136300, AC009757, AL359694, AC007455, AL121933, AP001732, AC000392, AC010361, AC005017, AC007363, AC006322, AC012405, AF131798, AC005521, AP001671, AC004231, AL355492, AL022719, AL391818, AF130359, AC005815, AC008177, AC009294, AF212831, AL356954, AC010180, AC006024, AL136501, AC007677, Z80771, AL049833, AC008123, AL138714, AC008952, AC026239, AC008838, AC009365, AC004108, AL163213, AC004078, AC005948, Z54246, AL357129, AL159996, AL121947, AL096828, AC009362, and AI310056.

HFXJA96	129	949001	1 - 1041	15 - 1055	<p>BF793559, BE742939, AW007066, AI869968, AW273225, AI700037, AA443693, AW291991, BE328045, BE747815, AA777593, AI420388, AI033693, AI457222, BF221961, AI954483, AW084920, AI049858, AA203157, AW958390, AW194899, AA777584, N99910, AI150737, N99913, AA379692, BE468258, AA527616, AI458637, AA447078, W25289, BF845179, R80028, BF572256, N75501, AI214958, AI241596, BE799357, F10487, BE736238, BE392003, BE464214, BE391216, BF090234, R79938, R00703, BE735896, AV718692, AW966330, AV707024, AW975618, BE312058, C14331, AV742732, AW964468, AV724520, AV718681, AV705066, AV718489, AW973541, C14389, AV718800, AV699550, N71180, AV720791, D80164, AW978634, AW978648, AV701645, C14429, AV727990, D59467, AV699927, AW966053, AW973445, AW966054, AW960465, AV721644, AW966062, AW960553, AW964477, AV719468, AV720211, AV719783, AV720464, AV719188, D80227, AW966534, AW966022, AW966050, AV731510, AW959062, AV703472, AW966531, AW966041, AV718707, AW966013, AV719822, AW959570, AW966029, D51799, D59275, D80195, AW975621, AV701004, AW966075, AW966065, AW949654, D59502, AW973334, AW959597, AW959799, AW965185, AW965197, AW965175, D80269, AI611738, AW973307, D59610, AV723772, AV742048, AW949641, AV719557, D58283, AV720731, D59859, AV720150, AW959582, AV699447, AW975613, D80022, C15076, AW959628, AW960473, D80166, AW973474, AW973488, AV718931, D59889, AV720203, AW964756, AV718938, AW965158, AV738340, D51423, D59619, AV718633, AW975605, AW978661, D80210, AW965163, D80391, AW973485, D80240, D81030, D80253, AI802240, AV703042, D80043, D59787, AW958992, AV722801, AV719324, AV718440, AV720028, AW956434, AW965177, AW965196, AW965184, AV720878, AV718844, AV718770, AW973482, AW966389, AW958993, AV723927, AW959136, AW964488, AW962082, AW949656, AW949642, D80378, AW964737, AW960454, D80038, AW959202, AI557751, AV744690, AV683513, AI358701, D80212, D50979, D80193, D80196, D80188, AW949646, AW949633, AW966059, D80219, AV720220, D59927, D51060, D80241, AW949658, AV741220, D57483, AW966043, D50995, AW975623, D80024, D80366, AA305409, AW960532, AV721386, AV700889, AV742735, AW949629, AW949632, AW962245, AW973330, AV720812, AW956397, AW949653, AW949645, AW949631, BF089679, AW949643, AW949618, AW949657, AW949655, AI829327, AW966030, BG029829, AW966032, AV723097, AI610645, AW964532, AV742022, C14407, D80045, AW753053, AW966023, AW960570, AW177440, AW959469, AL036954, AW973490, AW103442, AW960504, AW973447, AC011500, AX033851, AX047063, AR018138, Z82022, A84916, A62298, AX047064, AR070327, A62300, AJ132110, AX027925, AJ302649, Y17188, AR072729, S68736, AF058696, AR087649, X82626, AL137480, AX047062, A30438, AX021518, AB028859, AK024594, I48978, AF106657, AR008278, AL096744, AF119865, X67155, AX040974, D26022, AX035434, A25909, AL133072, I89947, AK026927, AF113019, X68127, AK027204,</p>
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HTLGV19	130	949574	1 - 744	15 - 758	AL518685, AU118408, AI392811, BF435451, AA478198, AI435141, AI803046, AA478040, AW206706, AW367708, AA846117, AI928295, AI928292, AK024084, and AF178985.
HMSAC18	131	950257	1 - 1201	15 - 1215	AU130929, AI814257, BF666825, BF110784, AI935638, AI420022, AA777386, AI554876, BE671069, AI014540, AI688634, AI697997, AI688556, AW297238, AI806683, AW263154, AI589076, AI149951, AA806969, AI741202, W44753, BF515202, AA974046, AA931887, BE763568, AA382865, AW969873, AW614265, AW082158, AA781969, R23772, R09585, AI207121, AA484643, AI538065, AW440609, AI619547, AI088390, AI741925, R09490, AW196711, AI584006, AI702846, AV755023, AL043103, AW959372, AW951170, AB023584, AF228917, AB020860, AK001608, Z47777, A30438, L40401, I25947, U46128, AJ133038, and AR040601.
HAPRB43	132	950475	1 - 2152	15 - 2166	BF338835, BF793959, BG260639, BF971421, BF029896, AI654147, BF132023, AI810992,



AI589186, AA910037, BF727158, AA570707, AI765595, AW188411, AI806437, AI760065, AI890968, AA227446, AW237851, AI337043, AA922182, AA227501, AI050958, AI283160, BE540305, AA227513, AA226738, AA226812, AI470530, AA916642, T89323, AW152530, AV702280, AV702486, AV706734, AV726505, AV703980, AV729597, AV707401, AV727238, AV702832, AV648619, T89959, AV705525, AV727017, AV739017, AV704605, AV728652, AV704059, AV708991, AV701536, AV707088, AV727052, AV728255, AV703972, AV687176, AV702343, AV729366, AV727314, AV706882, AV651897, AV707451, AV709356, AV727103, AV729473, AV726628, AV707948, AV704924, AV727126, AV703417, AV726559, AV702958, AV702671, AV707589, AV705504, AV707420, AV706104, AV706989, AV703505, AV704865, AV707783, AV728546, T94622, AV725031, AV709235, AV727583, AV729129, AV702728, AV725369, AV725645, AV702354, AV702673, AV725497, AV726653, AV702787, AV704879, AV704981, AV707942, AV705234, AV727459, AV725088, AV703090, AV707268, AV727469, AV708988, AV702427, AV729017, AV706683, AV726754, AV704590, AV725321, AV706290, AV683285, AV705814, AV701873, AV705263, AV707640, AV725380, AV703761, AV727355, AV753729, AV655067, AV728455, AV703388, AV708720, AV705550, AV650367, AV702498, AV701728, AV702792, AV706357, AV701832, AV701783, AV706012, AV729220, AV702851, AV706655, AV683012, AV727018, AV701858, AV706220, AV726830, AV708347, AV707649, AV726783, AV707528, AV706659, AV653897, AV709935, AV706964, AV705416, AV725181, AV656004, AV728715, AV724987, AV709273, AV701874, AV704757, AV704592, AV701876, AV725152, AV706718, AV704279, AV726761, AV708809, AV703525, AV705443, AV729242, AV727822, AV647654, AV707798, AV703866, AV645778, AV703214, AV702187, AV652156, AV706677, AV702928, AV701538, AV699153, AV656240, AV725991, AV707458, AV701611, AV704116, AV697638, AV702798, AV705047, AV701879, AV702869, AV704245, AV702345, AV703940, AV702854, AV707794, AV707155, AV706724, AV708872, AV709897, AV704520, AV725920, AV702954, AV704954, AV650843, AV703437, AV702998, AV701586, AV706925, AV701183, AV651704, AV706874, AV725386, AV705321, AV701953, AV728997, AV703232, AV703515, AV728779, AV709733, AV703862, AV706741, AV709494, AV726755, AV707117, AV701496, AV702339, AV647692, AV707311, AV709596, AV702696, AV728523, AA227372, AV703436, AV707171, AV705343, AV725043, AV705312, AV705201, AV709886, AV703030, AV727139, AV709222, AV709244, AV706532, AV706758, AV699156, AV726681, AV729255, AV727562, AV729593, AF124522, AC004456, AX020190, AR088705, AR091393, AR079804, X31969, AR017907, I18895, A25909, AR062871, AR038855, AX035462, Y16359, D78345, I13349, I66485, I66487, AX008555, AX009712, U94592, A85395, A85476, AX032758, AX028305, AX035980,

HCCMD55	133	956895	1 - 831	15 - 845	<p>           AJ244005, A91965, AJ244004, I44681, AX009487, AJ244007, AX026823, AX021518, AX001322, AX026824, AR062872, AJ244003, AR037157, AR062873, AX006816, A20702, A20700, A43189, A43188, AX006825, AX006826, AX001082, AX006822, Y09813, AX042372, AR008429, A98767, I15717, I15718, A93963, A93964, I63120, AR038762, A98420, A98423, A98432, A98436, A98417, A98427, A84775, D50010, A86792, I08396, X83865, A84772, A84776, A84773, A84774, AX047064, AR054109, AX006821, AR067731, AR067732, A58522, A91750, A58524, I08395, A58523, A93016, I05558, AX047063, M28262, E03627, AX011024, A18053, AR031566, I48927, A90655, AR096545, A60212, A60209, Z32836, A60210, A60211, I62368, AX003207, A02712, I84553, AX027636, AR073846, I84554, A77094, A77095, AR080470, AR077142, A81878, I00682, AX033488, AX033489, AR069650, AX033490, A95051, A18050, AX012337, A23334, A75888, I70384, AX033474, AX033486, AX033487, A64973, A60111, A23633, AR007512, I49890, A35536, A35537, A11623, E00609, A11624, A02135, A04663, A02136, A04664, E13740, A11178, E01007, AR095492, A22738, AX006823, A10361, I06859, AR043601, A11245, AX032992, AX032993, I03331, AJ270780, A02710, E12615, AF149828, AX018504, AR035193, A92133, E14304, A07700, AX027811, AX027809, A13392, A13393, AR031488, I13521, I52048, A27396, AX027813, AX030369, A70872, AX030368, AR069374, AR027100, I44531, I28266, AR069375, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, AR085082, AR085089, AR085091, I21869, AX042373, I44516, A70040, AR085079, E16678, A82653, AR085083, AR093385, E16636, A95117, AR093392, AR074365, A24783, A24782, AR095490, AR095491, I01995, I08389, I25027, AR069426, AR038066, AB043473, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, AR069417, A20699, E00696, D13316, E00697, AX001330, E03813, AR093384, I66482, AR009151, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR070327, AR027099, I66486, AX023553, AX003194, AX023548, AR072540, AX003206, T94623, N59841, N76372, and AA226758.         </p> <p>           AA508185, AA507469, AI027643, AA622967, AA587020, AI832382, AA675917, AI826640, AW004708, BF680504, AL038837, AL039074, AL037051, AL036725, AL039564, AL039109, AL039108, AL039156, AL039128, AL038531, AL039659, AL039625, AL039648, AL039629, AL039678, AL040992, AL039150, AL045337, AL037726, AL039423, AL042909, AL039410, AL039085, AL045353, AL036973, AL044407, AW374686, AL039386, AL039924, AL039538, AW979228, AL038821, AL044530, AL036418, AL037526, AL036196, AL037639, AW975143, AL039566, AW973200, AL039509, AL038025, AL043445, AL037615, AL043441, AI721017, AW969885, AW276663, AL045341, AL134524, AL036767, AV743601, AL045794, AV746102, AV758878, T24119, AW064110, AL043422, AV718844, AV720464, T24112, AV738934, AV701012, AV701118, AW979144, AW969911, AL036117, AV737584, AW013814, AL043423, AV735727, AL036924, AL037082, BF294063, AV717989, AV717980,         </p>
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AV701782, AV718016, AV717963, AV717983, AV717962, AV718018, AV717984, AV718002, AV717988, AL038851, AV731085, AW970101, H00069, AV717966, AV718023, AV717959, AW969778, AL036238, AV743654, AW975312, AW973241, AW969782, AV700229, AV717960, AL036190, AL036733, AW973393, AW976625, BF508972, AL036679, AJ293456, AW975971, AW976511, AV718681, AW975229, AV701017, AW973808, T23947, AV745917, AW970050, AW972154, AW970540, AW973780, AW969322, AW976515, AW968212, AW968207, AW063533, AV745724, AV742720, AW970070, AV719000, AW451070, AV745723, AV701043, AW971964, AV701163, AW972212, Z99396, AW968347, AW452756, AW973781, AV717990, AV717956, AV701261, AV717972, AW970969, AW975154, AV718858, AW973127, AV745350, AV717965, AW979090, AW972736, AV701431, AW969664, AW970076, AW969653, AW975261, AW969803, AV718006, AV701248, AI535783, AW970079, AW968204, AW970025, AW969794, AW971954, AV742667, AV745080, AV745392, AW974805, AV717970, AW979098, AL037027, AW968148, AW979294, AW973097, BE439760, AW979064, AV740535, AW970053, AV743008, AW970105, AW973772, AW968200, AW972156, AV722801, AW979238, AW969756, AW971975, AW975876, AW970108, AW976510, AW969383, AW971965, AV717955, AL036191, AW979054, AW969768, AW973219, AW975981, AW975173, AW969624, AW970107, AW969648, AV717941, AW968196, AW973164, AW975938, AW969848, AW969626, AV717978, AW975162, AL037601, AW969936, AW979002, AW969961, AW975966, AW968340, AW968190, AW974993, AV741012, AW969934, AW970093, AV742001, AW969916, AV745488, AW970014, AW969621, AV718010, AW968181, AW975046, AW970020, AW973380, AW969634, AW969926, AW971305, AW968147, AW969631, AW975161, AW970084, AW971984, AW976506, AC020663, AR096545, AR073846, AX006816, AX003207, AR062871, AX020190, AR017907, A95051, AR095492, AR080470, AR077142, AX001322, I06859, A18050, A02712, A23334, A75888, I70384, AR062872, A60111, A23633, AR007512, AR062873, AX011024, AX026824, AX026823, A18053, AX009712, A20702, AX012337, A43189, A43188, A20700, AX046357, AR043601, A84772, A92133, A84776, A84773, A84775, A84774, AR067731, AR067732, AR083151, A58522, A91750, AX035462, AR085082, AR085089, AR085091, AR085079, AR085083, A35536, A35537, A11245, A02135, A04663, A02136, A04664, EI3740, AX035980, I60241, I60242, I13349, A02710, E12615, AX018504, AR035193, A07700, AX027811, AX027809, A13392, A13393, AX027813, AX030369, AX030368, AX023553, AR027100, AX023548, I28266, AX027812, AX027810, AX027816, AX027817, AX027818, AX027814, I21869, AR093385, AR074365, A70040, I66495, I66494, I66498, I66497, I66496, I66486, I66487, AR088705, I08051, AX009487, X68127, AR035975, AR035977, AR071572, AR022240, AC069451, AX026821, AR031374, A49700, AR031375, AX001325, AX001326, AX001323, AX001324, A58521,				
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	134	958219	1 - 852	15 - 866	<p>             II8371, AR025207, AX006820, AX035632, AX035630, AX035631, AX035629, AX006819, AB037923, AX006818, A38214, AX033488, AX033489, AX033490, A44171, I56772, I95540, AR018924, AX033474, AX033486, AX033487, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR015960, AX006823, AR000007, AR015961, AR068506, AR079804, AR036905, AR072501, AR072503, AR072502, AX023549, A25909, AX023550, AJ244003, AJ244004, AJ244005, AX001082, AX046223, AR020969, A67220, AR035974, AR035976, AF261964, AR035978, X73004, A85477, A85396, A98767, I19516, A93963, A93964, I63120, AX008555, A95052, AR043602, AR043603, A95117, AX023555, AX023554, AX023556, AX006817, A23998, AX023552, AR095490, AR095491, AX023547, AX023551, AX023546, AX021518, AX006821, AR037157, A86792, AX042372, Z96142, AR054109, AX003194, A97211, AX006825, AX006826, AX006822, I00074, A64081, A58524, A58523, A24783, A24782, A81878, AX006824, AR069650, A15078, I03343, AF156296, V00745, AF261959, AF261960, AF261966, AF261962, AF261963, AF261967, I03665, AR036903, D28584, I03664, E14304, I19517, AR096518, A27396, A76773, AX000085, A22413, AX042377, AR091518, AX042375, AX042373, A49045, E16678, E16636, AR093392, A82653, AR072500, AF261968, A93016, AF156294, I01992, and I25027.           </p>
HKBAL08	134	958219	1 - 852	15 - 866	<p>             AI598222, AA722521, AA961088, AW813731, BF953169, T47819, AA297068, Z40359, AI698654, T47848, AW384795, AP001711, AP000248, AL136295, AC004867, AP001748, AL133245, AC004166, AL354720, and AL158830.           </p>
HKADFI5	135	960658	1 - 2143	15 - 2157	<p>             AL537210, AL533136, BF345427, AW149077, AI189363, BF725380, AI052124, AI972848, AI336302, AI816720, AW192810, AW055174, AI148561, AW026468, AW072848, AI889989, BG163656, AI678779, BF966582, BF349689, AW152007, BF344992, BF337402, AV733778, AL533137, BF969402, AW964811, AV702560, AV752950, AA411195, AA632007, AI754763, AV725935, AA187659, AA488502, BG012437, AA411095, AA488517, AW380192, W81692, W68748, AV733973, AA128063, AA579881, AA037211, AA488385, AL535898, AW581075, W29006, AI127593, BF958186, W81265, BG000741, AW581079, BE138892, BE856061, W81693, AA479844, AA044753, AA707190, AI005306, AA186718, BF382521, AI128816, AA838684, AA112161, AA937185, AI128549, BE765227, AA488370, AI038838, AW510870, BF590113, AW241743, AI191854, AA634260, AI375760, BE697900, AA946838, AI122640, AI799431, AW150253, AI807683, W67176, BG000745, N39772, AI610621, AI126866, AW088704, W68726, W94696, AI189851, AI423369, AI167706, AI750804, H09725, AW014642, AA682978, AA186659, AI701245, AV725200, W17262, W47107, AI620250, AW085733, AI365999, BF243094, AV745950, AA102171, AW382122, W69696, W84609, AI066654, AA186789, AA188311, AI038848, AI138433, W80472, H10483, T95046, AW005675, R52327, W45606, AI750805, BE714469, AA186646, BG009129, AA705736, AI375026, BG013718, AI742719, AI096392, AA970331, AI189681, H42958, AI831119, R64072, BF726628, AA181038, AA083962, W67175, BE168843, T15745, BF934277,           </p>

					AA927755, AA074445, T35729, BF989644, T94312, R69632, AV711339, AA373910, H42889, AI086978, R22231, AW021831, AI200127, AA860791, R70843, AW801877, W60128, AI282288, AI160698, R63703, AI095362, N78832, C18770, F07134, H25800, R52328, AA779133, R69727, AI141372, AA186934, N92803, AI493541, BE074157, AA441966, AI245562, T41231, T52692, T15941, R76911, AA670487, H28629, T52691, BF594227, H26540, AA709438, W80580, AV745873, H75744, R77081, AA548872, BF085005, AA866101, AA737142, AI879858, AI751382, AA055347, BF085040, AA729410, AA377816, AI349098, Z40236, AA128020, BF085041, W60050, AV746593, AA665901, AW074636, R63747, R22703, H23452, H15931, AA479722, C00016, W47231, T95142, T94663, BG001917, T57580, AA853413, R23580, AA853414, AA908304, BF858261, BE767687, AA367100, AA853917, AA349615, AA476373, AA852169, T40380, BF928757, T49076, H16043, BF992287, R45993, T06049, AA340884, BF992295, AA366834, F08513, AA188018, T55354, T34849, R80772, BF992293, W84590, Y07921, E12965, D87258, AR095627, AF097709, AF070555, AX015404, AF097707, AF179370, AF179369, AF172994, AF157623, I74320, AF097706, AF097708, I74321, I74306, A62298, A62300, AR050070, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, U94592, AX047063, AX047062, AX047064, A82595, A82593, Z30183, AX040581, U45328, AX046743, AR025466, T49075, T50999, T51087, T58082, T61154, T63896, R07603, R07604, T80106, R22289, R26453, R28462, R32652, R43408, R43408, R63966, R70789, R80771, R86274, R86275, H75878, N21446, N26329, W25048, W33109, W33110, AA044675, AA055346, AA181932, AA558933, AA613803, AA639432, AA962499, C17153, AA476323, T24693, D29346, F01873, F05610, F04728, T82292, AI245130, AI269807, AI335427, AI367112, AI201996, and AI453252.
HOGES5	136	961337	1 - 1963	15 - 1977	AW182452, BE250716, AI890424, AI640157, AW474326, AW130973, AI056660, AW150989, AI288965, AA242985, AW793562, BE250569, BE465736, AI744015, AI651429, AI636121, R06846, AA251971, AV650220, M91487, AI985781, R06845, AW363115, R02003, BG037194, and C01117.
HKZAJ14	137	961458	1 - 1254	15 - 1268	AW976735, AA883247, AW317020, AI091039, BE349081, BE221788, AI080490, AW009024, AI421443, AI141417, AW838561, AI333982, AW020988, AI332667, AI003921, AA740607, AI373690, AA424587, AA400517, AA972391, AI379240, AA633581, AI370902, AA620797, AA757270, AA909500, AA424632, AI680616, N32107, BE858145, N56779, AI870568, R71439, AI270464, AI085139, R43738, Z41046, AA225666, AI767739, AA502917, W37208, H00748, BF511394, BF887497, AI270546, AW271656, AI791895, AW805578, AA225611, AW370265, AI041562, AI792126, AI299358, R89180, BE671252, AA809663, AW183464, AW838715, AW838708, AI036881, AW029142, BF764614, AA805240, AI872415, AI351544, BE143557, AW299713, AW367344, BF875698, N74449, Z19142, H54493, T50149, D29384, H73186, H90881, AL133051, AF227906, AL021329, AL157406, AL157381, Z83843,

					AC008551, AL109612, AP001696, AL136455, AC016689, AL109799, AC005204, AL139810, AP000340, AP001761, AC003049, AL135790, AL031054, AC010168, AC004106, AC004853, AL118496, AC068999, AC005014, AP000217, AC018698, AP000529, AP001731, AP001606, AP001605, AL118507, AL445188, AP002027, AC040163, AC010491, AF188025, AC010419, AC002066, AC007558, AL121823, AL022397, AC003968, AL049765, AC006978, AJ133269, AC007316, Z82194, AP000081, AL133229, AC004025, AF064860, AL161771, AC006287, AP000528, AC007683, U66059, AL034375, AC010627, AC010142, AL158144, AL109931, AC007132, AC005245, AL035604, AL035542, AC004453, AL139115, AL163280, AP001683, AC007920, AL135936, AC016898, AC004981, AC022509, AC006324, AL034369, AL360078, AL121582, AC012087, AL445669, AC011504, AL049646, AC005837, AC005227, AC000059, AC009196, AC009313, AC006265, AL354793, AL137251, AC007963, AL354866, AC007051, AC022203, AL162718, AL121590, AL049565, AC008739, AL139093, AL109919, AL132994, AC006026, AC007157, AB041731, AB020863, AC008534, AC004175, AC008468, AC002122, AL137013, AC008876, AL163218, and AB042031.
HLHAE14	138	962362	1 - 2040	15 - 2054	H49208, AI248942, AA358780, H60492, H60446, AI243090, H49394, AP001724, AL031591, AC006924, and AC005234.
HBCJN16	139	965190	1 - 868	15 - 882	AI978837, AI627369, AI564009, AI628545, AI690964, AI538855, AI860651, BF222777, AI683754, AI970793, BF436904, AI812041, AI829891, BF589851, BF032982, AA642553, AI560810, AA470903, AI359026, AI921985, AW664949, AW591110, AI083732, AI818681, AI827128, AI961526, AA125808, AI160064, BE898095, AI564610, AI624988, AI924700, AI278468, AW874402, AA483290, AA858390, NS2182, AI225074, AA766421, AI376593, BE396135, AA830375, AW473661, AI698343, AI986231, AW950982, R89609, H78819, AI540430, R88929, BF691490, AA653492, BE382384, AI424782, AI241315, AI699227, R59708, AI613142, AW473446, AI244930, AW051166, AW193591, AW797434, AA909760, AW242968, BF221706, AI336173, AI923108, BF364662, AA128281, AV733824, AV757816, AC004602, X97966, X14479, X14047, and X72874.
HCGAF29	140	965372	1 - 2309	15 - 2323	AL528207, AU124711, BE745523, BE740018, AU124009, BE730967, AU132736, BE899077, BG261113, AW968672, AW971792, AI492156, AW235604, AI880771, AI697107, AI638177, BF183859, AU148517, AI968089, AI624692, AI378254, BE349453, BF062207, BE505015, AU150234, AU154209, AI922229, AA775806, AW044370, AI086087, AI151386, BG105708, AA423984, AA278565, AI073529, AI203148, AW117988, AW470396, BF827404, BF880196, AL135528, AV681665, BF445663, AA423985, AA481532, AW779281, AU127788, AI567161, AI266199, T93231, AI696723, AI655248, AA916500, AA811605, AI749400, BE927591, AA481598, AA523223, AA431069, AA522577, AI696237, H42013, H42014, T92694, AA743286, BE302733, AA258068, BF939161, AA417908, AA723166, AA418159, AL119399, AL119511, AL042382, AL042544, AL119457, AL043152, AL079794, AL134524, AL043168, AI675778, AI370623, BG166654, AI270183, AI613144, AI521799, N25033, AI368579,

AL515033, AW151766, AV749238, BG034746, AA639533, AI619820, AA521431, AI431323, BG113373, BF525578, AW059568, AI307557, AI524179, BF835240, AI439762, AW193020, BG164558, AI364167, AI247082, AL042866, AL047763, AI589428, AI620864, AI581139, AI950729, AI514871, AI879377, AW150578, AW162194, AW673679, AW970048, BF531023, AI241901, BF337043, AI537677, AI242246, AL039011, AL513961, BF974886, AI539260, AL121306, AL045166, AA761608, AI638644, AW089844, AI621341, AI224373, AI401697, AI499963, AL515191, AW071417, AL515021, AI345415, AI923989, AW051088, AA857847, AI225000, BF753014, BF771374, BF868489, AI698391, BF970509, BE965599, AW075382, AI513755, AI927233, BF965891, BE879047, BF342298, AI345688, AI469157, AI699823, BF812960, AL514691, AI683173, AL036403, AA969375, AI765469, AW080746, BF751457, AI590043, AI633305, AL513977, AL514879, AI539690, BF035213, BG113299, BG032704, BE873695, AW192300, AI499890, AL514205, AV647670, R40363, AW834282, AL514156, AI434731, AW022084, AI524626, AI873998, AV681771, AI536685, BF814449, BG260287, BE892572, AL120706, BE279800, AI884318, AI761468, AI270099, BE967219, AI263312, BF343205, AL513689, BF871314, AI491710, AI863002, AL046466, AW301861, AI953765, AA853033, AI433616, AI538850, AA731711, AI476076, BE393784, BF997967, AW029611, AA481053, AW021717, BE891834, AI445611, AW827193, AI860027, AL513901, AV750565, AI273189, AL514247, C21335, BG260930, BF342445, BE963954, AK022858, AF083217, AL121993, U77594, AF246126, A77033, A77033, AL389935, AF111849, Y11587, AF082526, Z97214, L10353, AL137254, AB048881, AL161954, AL353940, X72889, AL133558, AF126372, AL117587, X63410, X97332, AF151109, X76228, AF177401, AL137550, S71381, AL122110, AK026633, AL137292, AK024588, X66862, AL050277, AB048975, AF126247, AR081734, AJ132433, AL133061, AL122045, AF067728, AX042059, AL133088, AK026038, I33392, AL117460, AF026124, M27260, U49908, AF116631, AF113677, AL117416, AF031147, AL137574, AF180525, AF057300, AF057299, X61970, AR068753, AK026843, AF112208, AF061795, AF151685, AF026008, I89947, AF047716, AL137627, AL080234, AR053103, L04859, AK026649, AK026592, AB047627, AK026462, S36676, Z13966, AL357195, X98834, AR082685, AF242376, U72620, AF130102, A18777, U70981, AJ005870, AK000257, AK025658, AF185576, A08910, AR038854, AL355701, AC002464, A08909, AR013797, AL137530, AL137271, AK025798, AL122100, AF090886, AL137533, AR034821, AL137479, AL137267, AF245226, AF314091, AL162002, AL137275, AF113019, A08908, AL078630, X79812, AR012379, AL080146, U02475, X83544, S7771, A91160, AL117457, AK025113, X59813, AF030513, X66366, A91162, AK000653, AF132730, AF026816, AK026626, AK027161, AK025209, AK025239, AL137529, AF254119, AL133015, AJ005690, AK024978, AL137657, AF116688, AL133084, AL049339, AF119899, AF087943, AF119857, AF130099, AL359620, U35846, AL133049, AK027260, AF035161, AL162001, AK027095, D44497, AF218000, AF271786, AF124728, AR083283, AL133619, I48978,				
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HAHEF81	141	967634	1 - 702	15 - 716	<p>AL110218, AL389982, AP001666, AK000652, AK027081, AK026528, U89906, AL117626, EI2580, AK026541, AK026959, AK025092, A08912, E01314, UG2807, AK025708, AK024747, AL161964, A08911, AB052191, AL137459, AX020124, U79523, A57389, AF130056, AK025391, AF054988, AF115392, AK027103, AF131821, AF017790, AK025632, AB044390, AF044323, AF124435, E08516, AF167995, AL133560, U75932, AK024533, U92068, AK000074, AK026571, AF126488, I09499, U813172, U75304, AK027209, AF158248, U73682, I32738, S76508, AF104032, AF130104, E03348, AK026597, Y11254, E03349, A76335, and AR029490.</p> <p>AV683103, BE305206, AW001250, BE305236, AA643098, BF058371, AW054839, AW973518, AI833102, AW083028, AW469562, AI089867, AW134724, BE563230, AI770105, BE798906, AI859283, BE794306, BE727113, AI802405, AA576674, N94517, AI310487, AI367446, AI220318, AW079526, BF431056, AI309785, BE791858, BE736541, BF685650, AA576675, AV700158, AI810441, AA868821, H91632, AV722364, BE305124, AA884876, AA745899, AW406468, BF591335, AI887153, BG025439, AI091509, BE386733, AW083220, BE293628, AA587461, BF877339, AI245325, AI684772, BE250144, AA114265, AA548065, AW296891, AI766800, AA085398, AW071593, AI919368, AA113184, AA886171, BF888965, AA082885, AI611050, AI805079, BF889006, AA305339, AA887298, AV696144, AI352497, AW151136, AL119863, AI862144, BG180034, BG030364, BG031539, AL041772, BF904244, AV655280, AW772685, AW020693, BF038131, BG256592, BF816037, AW268220, AI334450, AW673679, BE904051, AV704696, BG120816, AI520809, BG168549, AI610086, BF970449, BE785868, AL036274, BF814420, BF672397, AI269862, AI610756, AI689379, AI952217, BF822127, BE256437, AW827276, AI284517, AV721521, BE672647, BF968205, AI336633, AW148320, BG031664, AI498579, AV715560, AV760102, BG249582, AI251221, BF854113, AW827289, BG110517, BG164371, BF812933, BG031815, BF341801, BE048071, BE246734, AL119791, AI349967, AL036631, BG036846, BF727072, BE047852, BF338723, BE876033, AA427700, BE047737, AI537244, AI569583, AL041150, AV757639, BE544111, AV645906, BF038134, BE877769, BF792469, BE874133, AI364788, AI335209, BE047952, AI829327, BF812431, AI609592, AL042628, AI270707, AW023590, AI174394, BE880182, BF032768, BF726198, BF339322, AI889953, BG024332, BF826445, BG260037, BG168696, BG034609, AW082594, BF904265, AI349226, AI439478, AW103371, AI468872, AI955866, AI433976, AI500146, BF795712, BG257535, AI309401, BE886728, BE963035, AW268067, BF970768, BG112239, BF856052, AI620284, BF812938, AI524671, AW302992, BF814525, AI570384, AL045500, AI433157, AA572758, AL040241, BG026428, AW946806, BG252929, BF344652, AI636719, BE965724, BF814335, BF527014, BF816455, BF812960, AI539771, AI800453, AI340582, AI800433, AL039086, BG032208, AW071349, AW268122, BG029667, AI340603, BG110684, AI537677, AI445165, AA225339, AL120695, AI282326, AI500659, BE905749, AI554821, AW858243, BE887488, AW169653, AI349004, BE904178, BF885675,</p>
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HBJAB02	142	967807	1 - 1682	15 - 1696	<p>AL529646, AL529645, BE898304, BG112747, BG036058, BF791411, BE392384, BE621757, BE548173, BE895853, BG034671, AA808894, BE901085, BE278873, AW152607, BE795658, AW166898, BG122141, BE782474, BF972826, BE793716, BE140314, AW750993, AA826362,</p>

					AW517942, BE714673, T59668, BE731030, BF939314, BE732766, BE745104, AI290469, BF477770, AI805651, AI961329, AA581089, BE902575, AW197375, AA974066, AI950259, BF802171, W27729, AV693783, AA877530, AA715365, AI968889, AA885542, AA160748, AA386371, AA335719, BF873961, W73105, BF223151, BE740826, AL120854, AA318192, AA501478, BF125073, AA581100, BE548914, AA658457, AI948815, AI621069, T59802, AA468534, AA503715, BF850755, AW956069, AW841506, AI144504, AA352215, BE897964, BF883404, BF373009, BE090290, BE168997, AW855521, AW820855, BG230749, BF376598, BE622839, BF923143, AK000069, AC015651, and AF147378.
HOU CR01	143	968171	1 - 2007	15 - 2021	BF346477, BF970344, AI884801, AA233924, AI125760, H97661, H18098, H19086, AI193252, AI085879, H11343, AL134720, N23132, BF926085, AI671245, BG056879, D81062, AA412275, AA552173, AA503379, R49191, H18987, H19618, R34661, AW590283, F04762, BG056899, BF947363, BF509640, D60732, AI870535, H19253, R07822, H11367, AB046639, and AL109677.
HDTIG18	144	968454	1 - 1566	15 - 1580	AL526279, AL529830, AL524370, AL528814, BE562759, AL529831, BG165233, AL524371, BF685557, AI133513, BE887721, AI057617, BG252265, BE562767, AI982853, AI831623, BE515156, AA648914, AA873629, BE256597, BE222487, AW958929, BF725899, AA280089, AA878448, AW248558, AA744548, BE504278, BE795016, AI304316, BE302017, BE252066, BE295640, AA781577, AI185163, AI955795, AL526312, AI422964, AI571353, AI185152, AA460511, AI313197, BE018406, N32767, AI371028, AI696978, AW439404, AI150883, BE909535, AA447517, AA759128, AA806385, AI335852, AL536983, BF839452, AA459868, AA416893, AI859544, BF512726, AI023406, AA948038, N46869, AI369825, AI128795, W68616, AA025669, AI970652, BF055247, AA934724, AA448500, AI192983, AI167362, W86098, AA864949, BF684491, W69447, AI056657, AW368494, BE265673, AI301282, AA720593, BE695982, AA470054, W72840, W68762, N53510, AI249484, BE540573, AA974936, W69530, AI038444, AA936842, AI348453, AI014303, H98698, AA709334, AA808641, AI312674, AI199491, W92405, BE790027, N81039, AI057225, T03564, AI568703, AA626030, AA973884, AA602321, W00672, H12272, BE259065, AW591539, AA020993, AI368079, BE304909, AW514017, AA670069, AI933159, AV738245, AW058033, AA255941, W35340, T32967, AA568156, AA908647, AA054004, W37082, W46670, W46477, W69899, BF445619, N41767, AI630758, W92406, W86132, AA084553, AA256083, AW172949, AA903756, W72841, AI420992, AA280018, T19225, W69900, AA025668, BE858644, AI160240, BG054803, BE769759, N24265, AV754922, N69042, AW519261, AI475440, AV755645, AW952445, BF432703, AI073732, H80576, AA384632, AA954180, AA977386, AA731196, BE782364, AI546958, AA864850, BF088237, BE769753, AA018468, BE261321, AW661944, Z40864, W07667, AI084547, W37839, T89010, H18524, AI751885, AV744297, Z45130, AA022626, T31441, AW629168, AW362019, R41618, W23741, AA629248, AA059201, H80524, AW149176, F08633, AW368488, BE293875, BE910358, N80003,

					AW797801, AW797860, H84422, N47190, AA912856, BF929993, AJ872803, AA477003, AA016236, T35431, BF792937, AA022773, BF927154, H12273, F01896, H84421, BE910534, D25627, AI870539, C20582, AF085362, AB017644, AF003346, AC002524, X92664, X92665, AA059305, and AI475258.
HBLGD30	145	968949	1 - 3937	15 - 3951	<p>           AU134073, AU133830, AV648674, AV649343, AV661909, BE439435, BE884067, AV684104, BF130482, AW950668, BG179663, AV720745, AV719320, AU134196, AV658379, AV682989, AI683839, AV734860, AV718561, BF921039, AA219354, AI769578, BE898808, BE971367, BF126657, AI269889, BF574193, BF726784, AV720490, AA741202, AI687338, AU155184, AI302101, AV718656, AI950030, AI889538, AW419072, AA918982, AW088433, AI761095, AI309991, AA281666, AI923375, BE513666, AW062777, AI924724, AA166902, AA402240, AW273276, AU155289, N53433, AU149941, AW015771, AI963654, AI922198, AI458138, AA492037, AA165601, AI128266, AA946849, AI277947, AI343881, AA402701, AW474149, AV652478, AI289226, BE672470, AV682550, AI467936, H04844, AV648804, AA166973, AA171809, AI288268, AW303836, AI823730, BF924128, AA169335, AA769673, AV655147, BE971266, AA165482, AV661997, AI921934, AI358150, AI985661, AV651692, AI277803, AA283660, AA172240, AI812089, AI301236, AI906616, AA171694, AV658439, AI538280, AV658013, AV650229, AV656880, AW193233, AV656493, AV649185, N69299, AV720068, AV650236, AV658487, AV659340, AI064929, AV686668, AV652883, AW839157, AV695293, BE081066, AA661833, AV697695, AA172005, AV657340, AV654764, AV654748, W22608, BE006635, AW950671, H86642, BE065513, AV655339, AI886539, AA953507, AI933892, AV659795, H04754, AV728343, AI194079, AI524590, T68167, AA832118, T69598, AV661653, AV709878, AA333043, AI857292, T71679, T40113, T40914, BE934168, T51148, AW839165, AW118431, BE567199, AW089848, T28653, H86554, AA333248, AW167184, T68242, AW890922, H42697, AA344502, T67818, T67969, T41019, AV652268, AA283661, AW445174, AI926046, BE936564, T69670, R26189, AA344900, AA166820, R46148, AA825794, AA344899, AA527160, BG235955, AA171782, AV652035, AI684991, AI613148, BF571293, AW576487, AV696380, AI648426, BG054975, AI421700, AW050523, AW026809, AW519214, R26437, AA603131, AI301343, AW440530, AA863095, AI479558, AI310961, AW244013, AA172094, AA191647, BE172361, AI933890, BE936569, AI949429, N40513, N50749, AV659135, BF056055, AV661586, AW576821, BE392045, BE065578, BF087108, BF841532, BE065575, BF839027, AW372005, BF837371, BF844137, BF841534, BF155460, BF837360, AW606252, BF087056, BE065616, BF835820, AW383782, AW372003, AW383748, AW372012, AW383775, AW382951, AI909730, MI13699, MI13536, I33869, AF202115, AF134814, MI18058, U49430, AK026357, D00025, X69706, Y12178, D45045, D45043, D45038, D45036, D45039, D45033, J05506, D45035, D45037, X04136, D45034, D45040, D45044, X04137, D45041, S77464, D45042, X04138, AF134057, Z24023, AF260927, AF075665, AC004226, AC009242, AJ131017, AF141647, and         </p>

HFTHK04	146	969387	1 - 904	15 - 918	AC011327. AI949559, AI810510, AA203625, AW959632, AA702005, AI991043, AW340445, BG251324, AA838409, AI961293, AI160070, AI160071, AA747429, AI143612, AA730360, AA773195, AA682367, AI298831, AA961230, AI268727, BF793895, R83902, BG236172, BG109845, AA953598, AA704547, AI146455, W38306, N79799, BE933639, AI864592, AA299329, AI140380, AI290069, AI186783, AW440342, BE164467, BE164468, AW139541, T91068, AA514600, AA195913, AA508637, T59891, AW816281, BF874763, D20437, AI288391, AA634125, AW965354, AA195432, BE255866, BE547821, BE741757, BF528086, BG258828, BE903000, AI111193, AI904111, AV728544, BF312864, AA318279, BE251694, C03377, AA310941, AW771668, AW964397, R59429, R98152, BE296575, AA370568, BE746935, BE793656, BE971409, AA411943, BF574705, BF316683, AA780433, T91217, AL523605, AA524887, BE185327, BE185262, BG169979, AA728871, AA328245, AF282903, AL136968, U92032, AL354868, AC012072, AC002074, AC007511, AL135924, AL133332, AL078593, AC007796, AL049874, AC016831, AC013358, AC017082, AF020803, AP001614, AC079045, AL163280, AC007564, AP001251, AP001743, AC004963, AL135749, AF217490, AL450169, AC010849, AC025809, AC009362, AC002352, AL031283, AP001679, AC005998, AC018641, AP001724, AP001669, AL023694, AL356414, AF015720, AC016816, AP001683, AJ229041, AC026409, AC005005, AL031387, AL031429, AL136504, Z98747, AF017104, AC008033, AC008560, AC004068, AC004889, AL035427, AL353748, AL035089, AF248484, AL161638, AL133387, AC018642, AL163207, AC026884, AC008163, AC006967, AC008774, AP000472, AL023805, AC034235, AL163227, AP001038, Z98946, AC005601, AL133467, AL133382, AL050336, AL034351, AC016689, AC007126, AP001819, AC017002, AC004896, AC004048, AP001732, AC037193, AP001711, AC003109, AC006062, AC010498, AC005515, AC002069, AC007156, AC004184, AL022401, AC010305, AC016602, Z86062, AL161731, AL133517, AL121654, AC008042, AC010582, AL122021, AP001715, AB014088, AC004998, AL132633, AC066583, AC005229, AL136529, AC004190, AC025577, AC005738, AL118524, AC0066031, AF119841, AL078623, AC004815, AB000882, AP000506, U85196, AP000279, AL136359, AP000516, AP000106, AP000038, AC004968, AF179633, AE000661, AC010723, AL161717, AC008268, Z84480, AL157765, AC004053, AP000108, AC009044, AC005880, AL121898, AF241725, AC008543, AL139189, AC008486, AL356057, AL049844, AL132657, AL133247, AL050308, AC005598, AL117187, AC006337, AC005099, AL031316, AC025030, and AL118505.
HODIL24	147	969841	1 - 834	15 - 848	AL041101, BG177845, BF216023, AA281685, N41356, BF350128, BF211006, BF668757, BF932699, and AL355305.
HE8NQ16	148	970046	1 - 2887	15 - 2901	BF966722, AV706600, BF792757, BF976723, BE882014, AW149468, BF105008, AL138321, AA425241, AV724632, BF033996, AW578056, BF966526, AV746348, BF346432, AW752968, BF333848, AW263259, AI004242, AA037179, AA872675, N29085, BF955280,

					AA69935, AA913815, AA425190, AA887078, W92464, R49087, AV745531, R15894, N42047, BF351126, AW370682, AA400368, N49443, H23382, AV711898, AA400369, AA644429, W21227, BF754252, H96938, AW401928, R86075, W92292, BF846791, N64209, BF891292, BE092775, AA193535, Z25009, AI216147, BF515367, N78483, AV735098, AA453929, AA814891, N93457, AA355548, AA295442, AA978114, AA603219, BE855678, AI825796, AL043824, AW182655, T78936, T08772, AL157620, AA724481, AW752237, AA193438, AI400285, AV701015, AI358866, AA910165, AW351740, BF684919, BE855736, AI432369, AW631129, BE259815, BF087116, AU124620, AU121144, AI978558, T78991, AA555092, N56946, AW665735, AI826826, AA971640, AV704599, AI056732, AL119173, AI038989, BE879922, W92507, AI246684, AI080258, N93740, N20183, AW902953, AA425759, AA486738, AI214476, H67025, AA907233, BF999810, BF885209, AC009155, AK022130, AK022752, AK001688, AB046832, AK024314, and AL137000.
HOFMS34	149	973010	1 - 1006	15 - 1020	BE736746, BE379381, BE378584, BE378500, BE378075, BE515303, BE780958, BE614826, BE393601, BE394088, BE735483, BE392462, BE394406, BE378901, BE394632, BE378758, BE615872, BE388690, BE378357, BE387695, BE563033, BE392780, BE392047, BE395788, BE394179, BE392832, BE389364, BE389345, BE395181, BE392472, BE515219, BE615406, AA464826, AA453149, BE735871, BE392729, BE387682, BF210381, AA442802, AJ403128, AC007078, and AC004980.
HOF0B11	150	973505	1 - 781	15 - 795	AL533548, BE789099, BG116125, BE887081, BG107890, BF700463, BE880927, BG030517, BF030581, AW957637, BE781717, AV733955, AV710046, AV718270, BF668753, BF669212, BF701113, BF129991, AV714563, BG254144, BE878731, BF701393, AV651776, AA314273, BE568697, BE545003, BF242902, BF666696, AV757896, BE904360, BF978924, BF665580, BF028073, AW351912, BF697317, BF037589, AA305370, BF213439, BF724466, BF241919, BF185721, BF692638, AA306430, BF667996, BE888408, BF964977, BF669293, BF185277, BF700414, BF211541, BF665260, AV707435, AW752399, BF244581, BF541632, BF680798, BF028474, BE960947, BF104162, BF029708, BF667913, BF695497, BF665760, H18045, AV701697, BF381984, BF699689, BF184304, BF185628, BE565642, BF244157, AW630212, AV655721, BE569124, BF131429, AA181455, AA315633, BF132852, BF031301, BF692251, BF668875, BF691021, BE779388, BF213025, AA186625, BF214411, BE568476, BE898217, BF664872, BF690925, BF031185, BF243347, BE958024, W79010, BE865509, BF674472, AA531308, AV714850, AA204997, BF665354, R80694, BF307415, BE567887, BF977109, BF106436, AV755841, BG025945, BE568064, BG029271, BG249184, BF240785, AV682318, AV681563, BE814385, BF214964, H22737, BE168154, BF575790, BF664562, BF670667, BF215015, AA085686, AA001470, BF750591, W55909, BE168394, W20245, BF030440, BF752526, BF693954, BE865807, AA297247, AV661606, AA298432, AA298665, R64278, BF104127, BE813635, BF131056, AA297858, BF184679, W93867, BF757214, AV757484, AV759869, AA298833, BF241923, H21844, H00199, R93867, N25143, AA088796,

					AA311342, BF688082, BG013959, BF185554, AV759272, AA298837, AA454212, AA431132, AV712434, AA298834, BE092617, H40729, H50262, BF666320, ZA5895, AA459602, BF792635, BF248219, AI879195, AI878894, AV746675, T54811, BF700100, AA297310, BF541763, W39740, BF093955, BE504467, W25405, AA297706, AI879578, BF848994, AA297836, BF696039, W28449, BE699018, BE768788, BE768801, BF383084, T10517, BE929505, BF573510, AA447414, BF085285, BE245173, AA192828, BF670186, N26355, BF093978, BE708343, AW364790, R15512, BE929384, BF248439, AF051894, AF288991, AF288992, AL121989, AF288740, AF267986, and AF267984.
HTLHN94	151	974667	1 - 1988	15 - 2002	BE393547, BE740719, BG251252, AI970830, AI478592, AV707783, AV728270, AV706183, AV706724, AV702427, AV727932, AV726505, AV701611, AV704974, AV659189, AV725927, AV706746, AV729983, AV709407, AV726067, AV725369, AV704592, AV728777, AV732002, AA744769, AV753374, AV638362, AV705020, AV702637, AV704916, AV723449, AV702798, AV751921, AV730781, AV751555, AV732149, AV730288, AV731744, AV731313, AV752043, AV731759, AV731708, N90871, AV730547, AV731977, AV757088, AV732155, AV710417, AV728872, AV730711, AV701237, AV731694, AV701320, AV707882, AV730165, AV731915, AV662191, AV726674, AV730171, AV752443, AV746276, AV751573, AV756053, AV761002, AV731043, AV760693, AV730816, AV757887, AV732353, AV757553, AV758481, AV707088, AV656240, AV756895, AV731275, AV733303, AV706910, AV702409, AV702869, AV710534, AV647634, AV726738, AV710938, AV706104, AV711496, AV755874, AV702498, AV711095, AV732653, AV752447, AV732746, AV710421, AV702787, AV758133, AV707686, AV714368, AV707171, AV758003, AV726480, AV702671, AV732089, AV705234, AV752684, AV755714, AV707589, AV703591, AV745906, AV702354, AV706035, AV711567, AV724987, AV727103, AV703417, AV652808, AV755473, AV726392, AV729129, AV702537, AV656004, AV710495, AV723452, AV707948, AV728715, AV730456, AV763669, AV711185, AV646736, AV757673, AV732255, AV702026, AV727189, AV757281, AV705263, AV702954, AV706683, AV746382, AV729357, AV727355, AV652156, AV701783, AV711240, AV726830, AV710146, AV701728, AV763440, AV709935, AV710562, AV725387, AV707690, AV7575986, AV709356, AV704924, AV705504, AV725281, AV761270, AV711274, AV710825, AV703012, AV703232, AV709897, AV763171, AV745415, AV704611, AV697638, AV757864, AA453130, AV710375, AV757171, AV710935, AV702958, AV645778, AV650367, AV687176, AV707685, AV704981, AV706662, AV707117, AV706234, AV755335, AI475480, AV701538, AV706357, AV705662, AV728289, AV708809, AV705343, AV729220, AV728884, AV707798, AV757686, AV726520, AI028697, AV729568, AV703367, AV707556, AV745756, AV756386, AV710906, AV706453, AV721645, AV702984, AV706989, AV725386, AV726624, AV706814, AV758022, AV706047,

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HLDRT31	152	975754	1 - 697	15 - 711	AA84524, AI301704, and AI670928. AL534044, BE393397, AV683465, AV684627, AV689796, R95052, AL036390, AV660907, H56723, BF955572, T82240, R94378, H47159, AL045713, AV692841, H57229, T68625, R29170, H77694, AL046550, H67944, H67929, AW392670, BE695785, AW971745, AW804686, AL119319, AW604723, BE705903, BE705906, AW858526, AW858525, AL119439, AW861944, U46347, AL119484, BE705905, AL119396, AL119391, AL119457, U46350, U46351, AL119324, AW577135, AW384394, AW861889, AW858455, AW372827, AL119401, AW363220, Z99396, AL119399, AL119443, AL134525, U46349, AL119497, AL134527, BF868684, AL119363, AL119444, AL119355, AL119483, AW877209, AL119522, AL039912, AL037205, U46341, U46346, AW604726, BF868687, BF868697, AL119418, AL119335, AL134538, U46345, L11924, I36334, E12495, I84668, I36338, I36332, I36333, I36337, U37055, U28054, AL137798, AL021920, U28055, AB026436, AJ279014, AR066494, AX046357, AR060234, A81671, AR069079, AJ251859, AX030435, AR054110, AR043113, and AR080280.
HWLHW86	153	975771	1 - 1639	15 - 1653	AI718512, AU123914, AI748996, AI951481, AI745085, AI809713, AL525153, AU134222, AW188163, AI721217, AW007667, AW103479, AI828182, AW004850, AI686915, AI628538, AW070523, AI962963, AI697298, BG248600, AI471537, AI635101, AI889467, AI978632, AW860950, AW167961, AW474348, AW190605, BE674290, AI571882, AW129970, AI922593, AL047838, AI579919, AU126920, AW055284, BE869430, AI955311, AW242156, AW272287, AW873982, AI743468, AW513282, AW129586, AW571890, AU117740, AI624711, BE869709, BE870743, AI469222, AI625272, AI684079, AI679591, AW780155, AA424668, AI679333, AW473340, BE047040, AW475082, AI571037, AW029090, AI809712, AA130871, AA528645, AI459465, AW780425, AI540550, AV748643, AA528637, AI024785, AA406196, AU155306, AA411381, BE672486, BF028802, AW591592, AA577525, AI333612, AI687294, AI241214, AI299682, AW473388, BE177710, AW749077, AA483903, AA847578, AA424571, AI889684, AU149678, AA502398, AA580416, AA130926, AW862587, AW820899, AA835115, AI707527, AW075441, BE394676, AI216279, AI579897, AI886530, AI285185, BF038363, AI285353, AA908633, AL525154, AA724605, AI219442, AV748644, AI269213, AI038566, AW769100, BE843159, AW196292, AW361641, AW610090, AI824537, N92767, AA527850, AU144491, AI475347, BE168336, BF034328, AI078813, BE159920, AA443854, BF759422, AI074078, AA846205, AI803815, AI300799, AI689710, AA983659, AI289495, AI022819, AW473456, AA548485, AA554075, AA235136, AW193746, AI538623, W33013, AA158014, W32964, AW578996, AI123271, AA635113, AI567018, AA157929, AA526284, AA113218, W39707, AI702978, AA137210, AW971233, AI364251, AA493629, W15485, AA446644, W19420, W35400, BE720821, W37704, R81916, AA146623, BF673265, AI494071, AW132100, AW951883, AA055858, AI215543, AA158159, AI625623, AI284796, AW971035, AW372994, AA160230, AI362334, BE002725, BE843163, AA234829, AI890170,



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HOFNM53	154	976051	1 - 1576	15 - 1590	
HDPSE86	155	976207	1 - 1781	15 - 1795	BF974829, BE397549, BE397511, BE562264, BF976322, BE561928, BE396546, AW245133, AW001450, AV708281, AW248252, AW247758, AI918591, AI299148, AI741759, AV705891, BF327331, BE718012, BF764942, BF353438, AI583563, AI961410, AI679359, AW081424, AA865519, BG260187, AA807017, AF086713, AF086714, AL137462, AF262962, U31501, AK026830, and X52562.
HHFOE18	156	976216	1 - 1574	15 - 1588	AW964029, AA447232, BE155292, BE706821, W00562, AI752017, AA478880, BE072829, BE072835, H83253, AA377805, H53182, AW175670, AA295304, AA300104, C14702, AA431941, AI378520, AW444970, BF350693, AI127045, AI633683, AI345957, BF002061, AI033307, AI394583, BF349443, AI738683, AI677991, BE072831, AW207729, AI627661, AI274923, AW317022, AI983858, AA478623, AI751620, AI913309, and AL355492.
HHFNEH27	157	976968	1 - 945	15 - 959	AL527962, AL517471, AL535489, AI538229, AA608734, AI760012, AW117939, AI038063, BE275287, BF966024, BF182712, BF794346, AV711147, AI992187, AI089408, BE271201, BE515144, BE785567, BG110602, BG028741, AW007641, BE735414, BE622727, AL538228, BE784154, BG108156, BG026353, AI444578, BE735452, BE277188, AW081275, BE562586, AL517470, BG034283, BG177569, BE270977, BF129032, BE730250, BE515135, BE745656, AI911660, AI762510, BE562179, AA573212, AW058227, BG252386, AW026216, BE781752, AV755448, BE780584, BF305350, BG036120, AI479604, BF976260, BE893200, AU126121, BE794959, AA482981, BG026476, BE277036, BE905103, AW167227, BG166075, AL525753, BE513556, BF237575, BE885910, BG028762, BE886434, BE734123, BF309611, BE736636, BE789073, BE878062, BF794656, BE275217, BG249366, AA595496, AA843894, BE612825, BE893060, BF686280, BE887584, BF237505, BF675994, BG113631, BE297840, BF307019,

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HSLGF32	159	977704	1 - 1585	15 - 1599	BE784734, BF528372, AW664953, AW294691, BF670655, AA411625, AA464785, AA971619, AA909175, AA406575, AA256188, AA486336, AA868650, AW276335, AW271701, AI908352, AA488056, R93249, AI864543, T84938, AI282858, H95668, AA256150, R16409, R12671, BF588476, AI797610, T91956, BE622938, AL042508, BF755924, AL035669, and AL133063.
HEEAH23	160	978593	1 - 427	15 - 441	AL529051, BG168572, AV687207, AW247426, BE249849, AK022736, AB014549, AC008132, AC023491, AC007981, AC023490, AC007957, AC011718, AC009288, AP000552, and AC008079.
HODFU73	161	978812	1 - 771	15 - 785	AI337853, AI290624, BE613007, AW190836, AA036954, AW392096, AW452245, BF039005, BF699641, N95243, T25091, AA036998, AI648608, R47204, AC007392, U85707, U33630, and U33629.
HNBUA49	162	978998	1 - 1620	15 - 1634	AI871477, AL520825, AL525683, BF686227, AL040660, AI049979, BE746500, BG260309, AI051966, AL043088, BF792585, AL041341, BE249840, AI760387, BE273020, BF690244, AA772213, AW440407, AI860755, BF663608, AU118417, BG169576, BE873422, BE378917, AI192298, AI818417, BE293451, AI676150, AI828421, AI827007, AW071445, BE315277, BE293812, AI701967, AI690912, AW151086, AW167306, BE293738, BE250330, BE250827, BF526581, BF972183, AW795577, AW474833, BF527867, BE221350, AA837413, BE858496, AW071494, AW276436, BE260699, AW577804, BE304919, BE222850, AW673333,

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HVVDU73	163	979346	1 - 2290	15 - 2304	BE616124, BE736954, BF688519, BG260795, BG259849, AW374307, BE616155, BE744973, BE292792, AW994447, BG248534, AW374312, AW374318, BE531047, AI940618, AW601821, BE672984, AI817651, AW170508, AA253308, BE868161, BG009649, BF435220, AW365668, AI940653, AW365613, AW081928, AI674909, AW572265, AI961488, AA573938, AI923587, AA159477, AI940633, AI620321, AW089967, AA636061, AI866782, AI888802, AI457146, AI932621, AI379539, AI186201, AW374300, AI262916, BF739152, AA934750, AI940625, AV656354, AI354896, W60466, AI318103, AI394281, AA588706, AW970628, BF736328, BF883594, BF689168, AW079392, AW369391, AW855312, AW188567, AW188566, BF835784, AA252902, BF736819, AW376365, AI472809, BF836557, AW751488,

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HHESX72	164	979468	1 - 467	15 - 481	BF797761, AU130033, BG258778, AU119794, AW965889, BG028456, BF970462, AV728480, AL522193, AA315962, BE786036, AW960384, AV715388, AU131704, BE695281, AU132895, BF219071, AL536015, BF184112, AU129283, BE729622, BF696698, BG167039, BF034416, BE695309, BE265086, AA319546, H97758, BE544565, W90369, BF332962, AW408349, AI078747, N59486, AA359114, R09724, A W242801, AI765280, AI990488, BE244651, H22047, AA085546, AA091085, AL521415, AI858033, BF111619, BF061858, AA776634, AA359816, N56221, A W602190, AI040358, AI248524, BF792722, T18889, T70782, AW057675, T18872, BF906431, AI633892, AW205883, AW872943, AK023053, AK021905, AC005189, AK023007, AK001665, and AL049758.
HOCYP88	165	979547	1 - 1395	15 - 1409	AW004023, BF690205, BF791885, BG029479, BF000545, BE047000, AW977945, AA909986, AU151274, BF512375, AU147671, BE350857, AW467591, AA142943, AA811324, AA150646, AW468491, BE672409, AI301026, BF689816, AW845190, BE392310, AW514680, AI984280, BE140523, BF229544, U53081, D20997, AC006544, AC003065, AC005033, AF035299, U70987, AF180527, and AF229166.
HOGDC64	166	979666	1 - 1794	15 - 1808	AA868550, AL530411, BG254611, AW954131, AI201166, AW193909, BG151533, AW084462, BF791908, BE260095, AI922273, AA523858, BG260949, AA781100, AW105220, AA596049, AW005327, AI214604, BF984366, AI802642, AL524639, AW090564, AI567735, AA897529, AA193192, AA629069, AU147852, BF979856, AA858423, AA425360, BG149247, AA908794, AA778624, AI686401, AA393835, N72685, AA868129, AA923361, AU148101, AW183908, BE206598, AA075361, AA580324, BF743368, AI357135, AA926834, BE670517, AI803714, BF197076, AI284934, BG116362, AW983892, AI284936, AU154733, AI130025, AA758676, AA907260, AA311449, AI077310, AI298616, AA706885, AA969247, AI457308, BE045930, BF743297, AI418560, BE219395, AL043460, AA861359, AI720212, AI342423, AA468338, AI936296, AA075362, AA454947, AI458647, R37961, A W246825, AA136701, AW607431, BF743315, AA548507, AA973365, AA053135, AI659588, AI925822, AA425566, BE439633, N68585, AA834427, AI635130, AA167347, BG164125, AA431980, AI264546, AA431965, AA176535, AA748183, AW750653, AA989525, BF223350, F31676, BE253169, AA468339, AW950325, N46268, AA769323, AI985073, AA994254, A W470425, R53597, AI621110, Z24883, AI285063, W81103, AW090765, BF957740, A W628661, AW592166, BF767591, AI703044, AA385660, AI860560, AI202413, F30676, F32050, AA564380,

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HSPSY43	168	980269	1 - 2040	15 - 2054	BF570385, BF570180, AI088647, BF966694, BF569195, BF970112, BE878705, AL535894, BF569896, BF340266, AI810738, BF530956, AV755665, BF342973, AI692873, BE271105, BE857228, AI927745, AW615420, AW151706, AA604247, AI635900, AW939256, AW957194, BG230571, AW379494, BE677698, BG056692, BF512850, AW021444, BF690190, AW664391, AW139560, BG110726, AW874658, AW993371, AI814903, BF934595, AA181281, BF381326, AI376165, BE812324, BE812388, AW815353, AW391289, W28891, AV728400, AV728587, BE349042, AV728581, BF325900, AW337194, AW024107, BE396023, AA633395, BE162632, BF527023, AA588810, AA280897, AA225306, AW391295, AI079706, AW815349, AW615553, AV709840, AI355025, AW815345, AI933698, AA804867, H40915, BF886757, T28873, AA838292, N81045, AI880159, AA114109, H28176, BF961849, AA324213, R59225, AA683224, AW469170, BG057112, H01864, AW880763, AA937395, AI358224, W28580, AW246848, AA324217, H11123, R94484, BF874169, AA085617, BF928701, BF874235, AA085638, N36164, BF874174, AA324212, AW498678, AW067997, AA062605, R94485, BG025843, AA134213, H49769, H27022, BF805105, BF957582, AL535893, T16201, BF934521, AA350507, H20777, BF932804, AA280980, AW798119, H11229, AV737823, BE206328, AW248633, AA363975, W27715, H22592, BE833306, AA324216, BF447502, T15660, BE833364, H28112, H01863, R86196, AA487774, AA114108, AW385117, D51308, AA350426, H17100, T60117, D56054, R48122, D53610, AA304177, H93755, BG152466, AA826966, H61236, H85695, H40957, R44085, D51453, D53774, W07855, R78317, BF868560, BE714884, D54618, T52550, BF923220, R33264, BE208564, R36346, AA531190, R23239, T16142, F03239, R77946, AI699038, AA308600, R38937, R69514, BE812147, BE315213, AW058016, R33115, AA531179, R48009, AI867014, T03351, BE833265, AA307648, BG015610, AI906574, BE561639, AA350885, BE271301, BF445731, AA327459, AI906575, AA335642, BF803379, R28604, R48570, H30153, AW945153, AA350733, R28687, D51827, R50396, BE707678, R48669, H61237, BF844403, BG055063, R35977, BG252221, BF926656, T60235, BE833079, H93754, AW883909, BF753805, BF445655, D52027, R69383, AW298249, BF844409, AA317457, D51335, BF844405, R46848, H30776, AA747462, AI583318, AW800460, F10359, AA345500, W23224, R44794, BF844410, R42513, AA809531, R47759, BE019728, F07289, AW950062, BE771559, N44157, AA373489, BF093102, AW885353, N69784, AW885226, BG007722, AI358239, BF771401, R23314, R28550, BF933179, AL110273, J05243, U83867, X90845, J04828, X86901, AF084186,



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HSXBH24	169	981029	1 - 2428	15 - 2442	AI052508, BE048691, M79221, AW338514, AI262660, AA953663, AV726620, BF752825, AA813125, and AI373503.
HOFAE61	170	981108	1 - 1219	15 - 1233	BG033389, AI393309, AW005351, AI807923, AW960185, AW166132, AW664889, AA194090, AI916382, AI799077, AW328387, AW340414, AW960398, AI131240, AI188081, AW300307, BF131508, AA855025, AA287690, AI694793, AI138878, AI362805, AI198516, AI131388, AA287658, AW139698, BE551852, AA934428, AI701814, BF056959, AI824988, AI680753, AW328388, AA308513, AI654495, AA304908, AI955554, AV741520, BF111228,

HCFOF82	171	981272	1 - 1549	15 - 1563	BE673760, BE673856, AW087574, AI630546, AA062563, AI969069, AI309588, AI266070, AA987983, AI675830, AA960973, R01958, AA973643, AI990363, BE671742, AI741149, AW138983, BF874358, BG057469, Z63217, Z62190, and Z54706.
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HOCMT79	172	981309	1 - 1580	15 - 1594	BE798445, BE304432, BE731636, BE897199, BG255861, BF979006, BE812965, BE728469, BF128024, BE263640, BE727056, BF358932, BE206746, BF942861, BE540525, BF311992, AW362926, R67305, T33893, AW945345, Z46204, AA324589, AW965329, AW965323, AA324404, T80030, H50913, AA281511, AA333367, BF381111, BE816128, T08567, BF991518, R18797, AA332977, AA687499, BF946438, BF822854, AA223464, BE796302, BF917604, AW392506, AW601333, AW372325, AW601316, AW601334, AW372336, AW392504, AW392498, AW372308, AW372323, AW601317, BF725792, AR087892, U32575, and AF055006.
HKAEI03	173	981319	1 - 452	15 - 466	BF342305, BF972034, AV702899, BG250659, BE875013, BG255188, AW732994, BF969129, BF973001, BF130310, BE779851, BE268549, BE783925, BE272577, BG024907, BF127762, BE784922, AI751567, AI138643, BG027985, AI564787, AI131276, AA010288, BE464595, BE858428, AI810680, BE256739, BF431981, AI312112, AI659460, BF964885, BF038601, AW614586, AI918066, AI421103, AA159852, BG036944, AA143643, AW131612, AA577070, BE170902, AW418672, F29120, AI885777, AI540181, AI889585, F36716, AB037839, and AF006043.
HOCPO31	174	981593	1 - 1686	15 - 1700	BF344523, BG120897, AI928341, AW026244, AL119974, AW003141, AI953528, AW004077, AI803375, AW001409, AA716616, AA425741, AA677488, AW594550, AI193181, BE349215, AW795298, AI262269, AW297973, AW592480, AI042286, AI436208, AI126751, AI149281, AI167937, AI187153, BG006418, AA885372, N53016, AI962663, AI143577, AW242268, AI049776, BE677119, AI818483, AI272839, AA595397, AI032066, N78497, AI742227, AU134204, AA938952, BE041590, N73656, H00225, AI187185, AI986359, AW152033, AI032073, AI302095, R77880, AW128839, AW594571, R94775, AA806624, H24559, R64451, T09483, R94950, AW957178, AI252768, H17531, AW193712, AA057787, BF061972, AW296092, AI435183, H00177, AW340042, AA535123, AW079257, AA834425, AA595382, AW662791, AI949751, AI968910, AI806704, AI954639, R34244, H21209, AA047604, R94693, F10899, R35571, H22912, AA425233, AA931668, R63839, R39530, T77481, BF357906, AW401504, R55754, BG058398, AI802542, AI440239, BG110684, BG179993, AI869367, BF527014, BE048026, BF725868, AI036631, AV715331, AW071417, AI500077, AI269696, AV650703, AV682479, AI758437, AW087445, AV715263, BF868489, AW071349,

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 AW026882, AV757737, AV733470, BF885675, AI345735, BF812938, BG109270, AL514085,  
 AI433157, AL036146, BF812961, AI811344, BE048071, BE781369, BF036115, BF724691,  
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 AI499131, AW268253, AI633308, BG114248, AV755668, AI863014, BF343172, AI567351,  
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HAOTG88	175	981606	1 - 807	15 - 821	BF316070, BF568141, AV758470, BF527619, BE314804, BF969586, BE409471, BE410535, AV733489, BE261170, AW157185, AI928869, BF304497, AW024568, BF971396, BF310503, BE296966, BF980412, BE408549, BE884399, BE386397, AI907018, AW440484, AA883920, BE793077, BE794471, BF206989, BE877585, AA496679, AI378856, BF311371, AI859291, BE350719, BE895663, BE885969, BE315547, BF241672, AI817825, BE793139, BF210205, BF216772, BE733918, BE897650, BE312906, BE905785, BE879978, AW516581, BE382725, BF038020, BF026271, AI624337, AW732541, AW674196, BE262376, BF237436, AV710278, AV740622, BE899283, BF206520, BE276874, BF206851, BF237515, BF243039, BE313650, AI024995, AI174779, AI572642, AW163157, AW651789, AW732534, BF125793, AI025126, AI474128, AW474610, BE547663, BE831015, AA187250, AA877228, AI267915, AA886988, AV733930, AA182921, AA642996, AA306692, BF126019, AV741980, AA075599, BE263229, AA181154, BE831027, AV756250, BE205781, AL526932, BG118384, AA075346, AI929036, BF734890, AI400538, AA316049, AA181153, AA526075, AA315701, BE709954, AA098806, AV727129, AA130645, BE218789, AI421479, AA482798, AI144352, AW022366, BE871748, AA451691, F36272, AA722490, AI015274, AI860627, BF767068, AI476031, AA196855, AI076945, AA601896, AA603149, AA037796, BE792238, BF674456, AI266715, BE932205, N53005, AA307818, AV727405, AA125759, BE710240, AI194072, AV764534, AA210871, AA130034, T74180, AI985806, BE709957, AV735365, AA070953, AA714540, AA453235, AV744480, BF030579, AA130033, BF239974, AA43652, AA385659, AW583010, AW675307, BF966331, N52289, BE045155, AA130615, AW277116, BE645844, AA912073, BF184415, AA856876, AA478103, AW276117, AL527098, F25881, BG117430, AA065190, BG028557, H49982, BE005862, AA187382, AW270600, F24478, BE792009, AA076185, BF091615, AW371216, AA725739, AA878729, N30376, AA365073, AA602423, BF091064, F24829, AA484666, BE870423, AA885827, AA745043, BF091625, AA156093, BE044822, BF375830, AA398035, F27966, F34663, AA861214, AA085547, AA371299, AA992886,
HVCAH21	176	981768	1 - 746	15 - 760	

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HFPCCK56	177	981812	1 - 1934	15 - 1948	BE739833, AV751551, BE539375, BE879961, BE619356, AA012925, AI690904, AA418407, AW028084, BF061035, AI949671, BE219361, AA449061, AI955218, AA772167, AW771435, AI305287, BG056669, BG122658, AI039957, AI796800, AI421026, AW952787, AI689738, BE857334, BE797251, AW373177, AA037175, AI680796, BF001323, AI360089, BE440106, BF438532, AI568970, BF223290, AW299760, AI948837, AA418504, AA410416, AA976077, AI925315, N56916, AI744545, AI186166, BF344446, BE545371, AI801467, AI560863, AI307790, AI620925, AI685502, AA931566, AW589991, AW373172, AI094972, H22670, N44951, AW026324, AA772572, AI049895, AA449773, BE876258, N39575, W27237, BE878083, N33168, AA469378, AW028003, AA402063, AI276817, AW803238, AA351859, AA861181, AA938412, AW079992, AI311559, BF907727, H96974, AI888644, AA151221, AA351860, AW139343, AW130580, W32509, AA937530, H22687, AI813495, AA410273, AA993422, AA687549, BF941191, AI143750, W27206, AW373182, AA340324, AA044269, AI860157, AA151220, AI370443, R48542, R53630, H14486, AI271975, AI140110, AW593928, R12193, AW275061, W93548, AA321771, AI611136, W32606, T66931, BF941785, AA758353, AI581671, R48627, AA398924, AA349145, AW138501, BF527602, R96451, AW515323, AI674456, N59828, AI918973, R96452, AA991280, AI985395, AI687472, AI268792, AA338948, BF747204, AI280425, AI370507, AA991278, H27505, AA142905, R12929, AA410417, AI284737, T83253, W27541, AA364215, BE719110, AI880036, R62328, R51963, H27578, T66932, AI961564, D54538, AA847693, AA338947, BE538557, T49336, AI360057, BE939130, AI351186, BF818515, H04226, AA044169, H02921, AA026556, AA069380, AW138557, R62327, AW118418, AI198091, W96350, AI424187, R39917, AI868856, T10481, BE964453, BF507638, AA847337, BF735896, N72776, T90723, AI873143, AI682149, AI419753, AI472343, AI394598, AA436364, AA652885, T49337, BE002485, N46721, BE620017, BE622776, AI335238, AI810464, AI927142, AA069327, BE787445, AI078649, BF987031, T11055, AI564318, AX015375, AL162074, AB042237, and AF099664.
HAOSJ58	178	981859	1 - 1131	15 - 1145	AL515972, AW029556, AA004208, BE883613, AW015902, BF802700, BF666138, AI917287,

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HOPIT48	179	981862	1 - 336	15 - 350	<p>F20667, AL514627, AL036146, AL513553, AL513597, AL513907, AL514919, AL513999, AL513631, AL514015, AL513911, AL514791, AV755668, AL514691, AL513977, BE965014, AI475817, AL513951, AL515191, AI469532, AL514087, AL513693, AL514867, AW085799, AI349772, AW074869, BE887488, BG109270, AL513713, BF793187, AL514063, AI500077, AL119748, AL514473, AI696846, AL514983, AI567632, BG112879, AL043326, AI702406, BE047952, BF793324, AI888953, BG110241, BG036846, AL515413, AW071349, AW071417, BF970446, AI537303, AV681618, AI349645, AL040243, BF817926, AI432969, AI800453, AI800433, BF882343, BG058398, BG179993, AW169671, AW827249, BF883916, AI340582, AV682252, BE969709, BG257535, AW169671, AW827249, BF883916, AI340582, AW301409, BG110684, BG260037, BG180996, AL045500, BE965891, AL513577, AL047763, BF816811, AW274192, AI620284, AI758437, BF812933, BG058208, BE048071, AI637584, AI349004, AI536685, AI568870, AI499463, AI249257, AI250293, BF970162, BF724691, AV756150, AL121365, AI702433, AI433157, AI224992, BE018334, AI580190, AI590128, AI86831, AW103371, BF792469, AW104724, AI682841, AW087445, BE781369, AI633419, AI538716, BE966388, AI498579, BF039003, AI866002, AI802542, AI433976, AV756328, AV729890, BF795712, AV709517, AI445025, AI564719, BF971016, AI349933, BG031815, AW238730, BE964812, BE964741, AI348897, BG168696, AV717299, AI697137, BG178488, AI497733, AW999049, AL036802, AW026882, AL044207, BG110517, BE964700, AI866608, AW162071, AI281773, BF812961, BF527014, AI539771, AL036396, AL036403, BE048081, AL135661, AI281779, AI570384, AI857296, AV757737, AI678302, BG151247, AW813006, AI269696, BF817392, BF343172, AV711924, AW148320, BF340031, AI275175, AI281762, AV756703, AL047041, AL041772, BE963035, AI064830, AW074993, AI567351, AL038605, AI349614, BG164371, BF726322, BG032208, AW089572, BG260881, AL038778, AW268253, AI282281, AI312152, AW075351, AV758209, AI345735, AI610645, BE047852, AL514097, AA640779, BE876033, AI349937, BE172767, AA613907, AI619502, AI500659, BE964876, AV682266, BG252929, AV681759, AW068845, BE909398, AL513943, AA508692, BE047863, BE904178, BF885675, AI620868, AV655645, BE877769, AL515019, AI636445, AI340519, BG178809, BG035511, AW148716, AV756342, AL514793, AI273142, BE965556, AI818683,</p>

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HCFAV61	180	981914	1 - 1221	15 - 1235	<p>BG033901, BG252785, BE543055, AV722449, AV702154, AA628439, BF668342, BF692352, AI768330, BE894056, AI743632, AV694035, BF437204, BE856844, AW304160, AI337885, AI924514, AA837493, AA426551, AI745073, AI963737, AW821215, BG058671, BF509387, AI242029, BE503709, AI942469, AA160524, AI160326, AV725848, AI912616, AA890454, W95882, AA824442, AW518009, AI701598, AI273641, N93250, AA287410, AA418905, AW449609, AA160567, AA703542, BE671219, BG105483, AA779451, AA111935, BE669882, N32408, AI332415, W17057, W25108, AA810170, AI382034, AI499772, AI589724, AI720736, N56828, AI123003, W95918, AW022386, AA083712, AI808404, AA777136, AI806090, AW965046, BG105254, N89643, AI467879, AI247254, AI784644, AA725064, AA343169, AA569724, AA694506, AI698201, BE542567, AI244592, BF218794, AA287358, D80112, AW973029, AI206216, AW965048, AW889223, BE843684, BE843522,</p>

HPDWN44	181	981956	1 - 934	15 - 948	and AK000541. BE742303, BE741533, BE746369, AI633237, BE563341, BE563526, BE612816, BF035914, BE880068, BE563212, BF665918, BE880096, BF970136, BE880701, AL529261, BF037170, BE315481, BF316680, AI017752, BE896668, AA431844, AA628903, BE880590, AV710748, AI525834, AV716869, AV733974, BE567737, BF674943, AV713981, AI979057, BF698464, AL529260, AW514732, BF033091, BF674985, AV711087, AV716715, BF540803, BF675525, AV713390, AI935983, BF679768, AA075421, BE613381, AA156298, BF673731, AW088688, BE389957, AV735167, BE389745, AA187073, AW474971, AV740643, BF691116, AI133571, BF195619, AI684301, BF677505, AL525452, BE042822, BE709657, AW936512, AW474519, AA992934, AW189041, BE042854, AI984117, BE276272, BE393478, AW474473, BE388363, AW131622, AV734097, AW196629, AI913944, AA427596, AA187024, N30130, BF217503, D82271, AI191868, BG235916, N39749, AI923021, BG112356, AV713265, AA075422, BG259987, AW404378, BE813241, BE813177, AW149049, AW369486, AV726476, AW369495, AA442647, AA669065, AI367852, AI633284, AU132643, AA081139, AI554354, AW951432, AI560878, N25849, AI416993, BE176663, AW074176, AA446705, AA496549, AW512858, BF094963, AW991489, AW991644, BE813140, AA315748, AA878888, N23559, W19707, AA729416, AA621292, BE567961, N36654, AA069715, BE568443, AA493626, AA069692, AW938005, AI187152, BF732743, BE176346, AI185034, AW166402, AA593797, AW385485, AA186648, AW021630, AA437347, AI221791, AA630449, AW937966, AA081278, BE122891, AA436888, BG167398, AA156984, AI312688, BE875189, AA316034, AA316517, AA479768, AA181039, AV733234, W52260, BE176396, BG012035, AV750759, AW264168, N24368, AA631420, AI923459, AW363902, AV703750, AI198050, R98410, BE179786, N59644, AW069390, AL047606, N44880, AI686995, AI090375, AL525651, AW796539, AV654997, AA187522, AA229717, AA429684, H16005, AW994708, N35742, AA628994, AA630441, AA977956, AW798571, AA847636, AI074223, AI034134, AA583504, AA782407, AI291901, BE710000, AV711820, N77857, AA993826, BE336583, AI568185, AI434356, AA169685, H53260, W05819, AI367001, AA757584, AA156678, AA317301, AW582891, N42163, AW378113, AA230074, AA335935, AV651342, AI719389, AV712994, AW378105, BE716145, AA335859, BE707628, AW378118, AA281403, AI312689, AA581804, AA432128, AA335879, AA890245, N35687, AI674105, T50033, AI085540, BE697023, CI7051, AA384518, AW378101, T93581, AA912450, AA361889, BE840484, BE169354, BE707639, AA446578, N44791, AI687083, H85400, AA923554, BF091266, BE840494, T86063, AA641500, R66319, AC005479, X67698, U25748, AI18921, X78134, S77411, X85799, AL133076, AL122101, AL133655, AL133020, AL133053, AL133074, AL133049, AX040958, AX041002, AX040974, U30290, E13998, AR015970, M37278, AX030435, AX015526, AF126531, Z69719, AF002985, AR055519, AR034821, S56141, T92154, T93222, T94671, T89488, T89660, T83699, T85048, R01007, R25764, R33756, R39758, R62496, R68141,
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HOVJY54	182	982032	1 - 1118	15 - 1132	R74261, H15768, H42468, H42681, H43449, H60096, H69969, H71589, H85394, H98245, N28549, N40132, N40844, N54906, N78197, N99645, W32944, W38819, W46910, W56106, AA025797, AA031691, AA035536, AA130026, AA149910, AA157483, AA281356, AA532481, AA603556, AA610276, AA617732, AA627954, AA837359, N85557, AA431114, AA708116, AA725139, AA845939, T11351, A1244072, A1308158, A1220771, A1632782, A1859690, A1811046, A1950900, A2025993, and A2055299.
					AL536886, AL519771, BE903122, BE906714, BF981167, AL529998, BF980868, BG110444, BE906350, BG026745, BE733132, BG118469, BE908645, BE281012, BF527761, AL529999, BF204049, BF527895, BF338699, BF527959, BE896386, BF346362, BG179270, AW373882, BG121683, BE902906, BF339518, BF528481, BE795781, BE797253, BE264544, BE793598, BE799039, BE395716, BE904642, BE798297, BF129057, BE909217, BE797464, BE791245, BE798589, BF317485, AW577397, BE259895, BF337918, BE798842, A1366141, BF345330, BE793570, BE254266, BF689031, BE387799, W48799, AW249723, BE736728, AA121648, BF915406, W79098, BF058087, BF434845, BE266716, AW245243, BE275433, AW965510, A1420864, BE501218, AW958156, N30494, AW166500, BE274757, BE562577, AA523509, W74502, A1421445, BE274734, BE542936, AA076659, AA309806, AA602391, AA947286, BG056181, AW148931, BF827786, C14268, N99361, A1367349, BE266342, N59225, AA335673, AW518636, BF750898, AL120945, AW137008, A1936982, A1916893, AA335414, AA336127, BF338054, A1769470, A1337000, AW206563, W31030, A1419527, AA371822, AW006577, N98776, AA335239, N76692, BE645990, C14269, A1572122, A1368200, AA641497, A1634762, BE150214, A1684498, AA827390, A1217398, BE150209, W49625, A1081813, AW206959, AW607363, BE743774, AA725340, AA079566, A1672387, N34422, A10766926, AA478173, N48657, T11147, A1365401, BF221855, A1950175, A1813446, BE466923, A1382536, A1382559, AA659150, A1420810, AW900866, AA357437, A1565511, AA478017, A1800023, BE673470, AW615779, AA773507, A1362447, A1242987, AW183593, BE673583, A1399691, A1738446, A1243140, A1659508, H16643, BF438348, A1651868, A1805041, A1568339, A1823968, AW451053, A17137813, A1927588, AA631086, A1699620, AA077819, and L07392.
HLD0G74	183	982042	1 - 870	15 - 884	BE741661, BE733571, BF685462, BF984053, BE745150, AV686105, BE792465, BE901550, BE515104, BE884515, BG033955, A1052336, BE312803, BG178966, BF794342, BG036584, BE544000, BE746597, BF337890, BF038967, BE264172, A1831045, BE874094, BE910663, BE733667, BE264374, AW170205, BE544180, BF127998, A1309846, BE539160, AW160727, BE787749, BE787345, BE271779, BF667331, BG257671, AW157143, AW440255, BF205294, BF183127, AW583332, BE784901, BF671774, BF115955, A1857442, AW583701, A1560800, AA582176, BF244048, A1824142, AA485962, AW025617, AW516053, BF204148, AW439339, BE786757, BF667242, BE278628, BF130358, BF030011, AA854126, BF219377, BE271039, BE855730, AW513598, BE297318, AW439387, AW162229, BE297859,

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HE8MM52	184	982197	1 - 2789	15 - 2803	AV651781, AW965446, AI623305, BG105418, AV695144, AW500557, AI962601, AI816919,

	185	982465	1 - 1554	15 - 1568	AI809660, BG180470, BF238787, BE958617, AI453203, AI686764, AI051938, AW008755, AI671303, AV696246, BF574073, AI624404, AA599814, AI862650, AV752796, AW088764, N49595, AI373326, N46907, AA630029, AI076703, R52979, AA682606, N66860, AW504901, AI637810, AI804504, AA635074, AI216350, AA761707, AW975470, R61617, BE144059, H04056, R13437, AV655299, AA806300, AI565337, AV690970, AV683075, AV661993, F05802, F05782, AA688425, BE093642, T68530, R60949, BF216998, T98033, N93069, AA332693, T98114, BE969752, AI377881, AI927670, W24722, AI676039, F08707, AV682040, AV681756, AV724929, AL119139, AV661953, AW805670, AI670931, AW276928, AI913173, AC026439, and F08205.
HJBCC19	185	982465	1 - 1554	15 - 1568	AL529581, BF793008, AW968792, AW958616, AI005133, Z78392, AW665074, AW572797, BE910519, AA311683, AA227581, AI961773, BF311030, AL529580, AA490975, AA580009, BE857081, H15751, W88486, BE011902, BE011961, AI669828, AA378108, AA203400, AA215739, AW297449, BF512524, N34147, and AK000516.
HODAA93	186	982618	1 - 1010	15 - 1024	AU134734, AI921858, BG035733, AW503819, AW502845, AW393515, BE463976, BF085697, AW590049, AW025827, BF927064, M78377, AU135081, AW503556, AW999737, AF002223, U58032, AK001816, AJ224979, AF057354, AF073997, AF125314, and AK023451.
HSPSI74	187	982764	1 - 1578	15 - 1592	AU118627, BE614379, BG109394, AI051622, BG035128, BE745111, BE747176, AU133917, AA977180, AI828930, AU133984, BE906377, AI928364, AI189753, BE621857, BE904639, BE907348, BE788794, BE879963, AI819390, AI445461, BG167065, BE790436, BG119322, AI453743, BE619041, BE621186, BE620997, BE439796, AI983655, BE908365, AI685095, BE908977, BE884393, BE613669, BE789335, BE879041, AU135866, AI633575, BF037650, BE910282, BE906666, AI564644, BE547180, BG122252, BE737005, AI925607, BE905184, BE785244, BF036140, BE617891, BE906281, AW071625, AI591358, BE906618, AI720939, AI804422, AW080238, AI250777, AI678712, AW338147, BE392486, BE881236, AI865838, AI963432, BE874626, AW192593, BF126211, BE897209, BE974032, AW383999, BE548372, AW510672, BE546656, BG113740, BF105867, AI262930, AW372926, BF037109, AU137549, BE904461, AI694111, BE548097, BE785027, AI346835, BE877056, AI927769, AA292956, AW629505, AW262737, BE879732, AI61312, BF791201, BE044033, BF790033, BG165112, AI696905, AW513200, AW008570, AW651691, AI871950, BG122807, AI377596, BF674901, AA083510, AI597801, BF691383, BE617437, AW629109, AI093510, BF132064, BF382972, BF222820, BE543834, BF184069, BF573710, AI240988, BE867124, BF690916, BF195127, BF593608, BF182976, BF184281, BE905927, BE501957, BE880450, AI911921, BF106087, AI424384, AI591386, BF215412, AW820297, BF131142, BF247995, AV726627, BF102675, AA479712, BF818868, AA877242, AA706057, AA315188, AW961686, AI148698, AI677934, BE564028, AV732963, BF978564, BG169978, AW583735, AA948565, W52095, BE619741, BE961220, BF031297, AV654555, AA524526, BF687984, BE385852, BF102872, BF246934, AA088439, BF979244, AA843108, AI248307, BE156265, AW015724, AW572531, BF690647.

					<p>BF670998, AA889018, BG118773, BF687915, AA479834, AA626058, BF571504, AI285092, AI591384, W25540, AW205937, BE349186, C17732, AW959385, BE971477, AI027865, AA733014, AI955858, BF572812, AI492554, AA844898, AA452515, BF244568, AA453027, BE219784, BF126097, AI671727, BF184176, BF247378, AW779725, AA129575, AA903050, AI567995, AA404570, AI470033, BF576011, C17963, BE825569, AA088544, BE543766, AA662517, AA699452, AA723200, AA043217, AI075878, BE961124, BF057147, BF676177, AA147228, W52847, AI990245, BF673172, BE963891, AW673152, W38161, AA627686, BF575906, AA113196, BE182595, AI799814, AI333170, T66110, AI972739, AA190873, AI859160, AI446615, W45410, BE182608, BE619182, AI990827, BE327120, AA182640, BF678404, AI298935, AW085158, AW471421, BF243031, BF570900, AA682601, AW103470, AI242230, BE044134, I34297, U34276, AK023364, D16854, X75684, D86467, T55840, T65026, T85378, T97664, R21752, R21800, R38028, R38114, R79190, R79933, H27252, H28594, H38179, H52504, H61762, H64985, H64984, H80983, H64985, W19298, W60075, W73887, AA010631, AA011222, AA035067, AA035576, AA037696, AA037722, AA043216, AA085492, AA129574, AA136658, AA136645, AA148284, AA155661, AA157944, AA190427, AA190472, AA190966, AA191414, AA192519, AA250778, AA502832, AA581093, AA603586, AA837326, AA962397, AA988297, W60032, C05782, C06111, C06123, C06365, C17476, C17504, C16377, C18304, AA649494, AA291465, AA411100, AA421678, D11921, AA478271, AA478328, AA487893, AA486595, AA719173, AA722206, AA724739, AA757735, AA989662, AI032569, AI061065, T10930, Z25898, Z28771, AA953883, F09579, AI244845, AI245632, AI246953, AI249545, AI251817, AI254320, AI261359, AI270788, AI270830, AI275372, AI306933, AI309876, AI334860, AI340796, AI348877, AI363829, AI453453, AI446740, AI432033, AI472527, AI468237, AI500576, AI565439, AI582462, AI224222, AI189366, AI650338, AI349390, AI589264, AI621320, AI686240, AI692846, AI693030, AI738844, AI745717, AI769516, AI798415, AI798502, AI800106, AI823466, AI865912, AI872628, AI918453, AI918523, AI950693, AI927217, AI972899, AI985583, AW016166, AW088968, AW197954, AW242958, AW275048, AW191997, AW194272, and AW300456.</p>
HCEHZ42	188	983008	1 - 3628	15 - 3642	<p>AL537881, AL517309, BE735051, BE901285, BE616892, BE735353, BE793731, BE733509, BE545486, AL517310, AI745249, BE734335, BF526598, BE779600, BE796507, BE798600, BE886723, BE617349, BE734009, BE280110, BE901683, BE276201, BE891303, BF342463, BE729254, BE910567, BE884594, BG255411, BE279129, BE888923, BG031148, BE537150, AA604400, BE734392, AW964738, BE259025, AW327313, BE616860, AW385802, BF108767, BE903733, BE349111, BE257437, BE328784, AW156910, BF060707, AW246117, BE263626, BE392648, AI620896, BE252755, AW732968, AA398262, AW778939, BE349863, BF436950, BF964072, BE799126, BE962236, BE781464, AA602489, AI566556, BF954806, AW249583, AI160402, AI809859, BF766680, H21144, H51462, BE616366, BG257069,</p>

					<p>AI608637, W37225, AW103894, AA984583, AI860074, AI251822, BF964921, H50198, H50199, AI637978, AW236505, AI553932, AA308870, AI341897, W37565, AI571251, F26897, AA922512, H38486, F34532, BG152624, H09117, R24306, F02992, R44903, AI624869, H29803, H46459, H47000, BE277457, AI932959, AW244024, T23597, AI814804, AA707234, AW385702, F13335, AI702387, BE834031, H44917, R40088, AI003681, AA548650, T78815, AA523188, F04394, T40327, AI332972, AI363841, Z43697, BE559682, H42170, AI678524, AW105674, BE747069, T41190, H51420, AI283350, BG014941, AA729769, H38475, AA889494, R12936, H09467, AI277180, C02213, H38470, AW844667, F13332, AA779046, AI537882, BE302833, BF764692, BG112124, H21101, BF333843, AI653323, BF949218, AA399433, H42992, BE172552, BF766013, BF948977, BE939200, AI955921, AF062360, BF514170, BE771818, I76198, AI238509, AK026112, AI671155, and AW003308.</p>
HDPVU15	189	983592	1 - 1393	15 - 1407	<p>AL526272, AI525155, AL522999, BF966555, AL526230, AL523065, AI608975, AL525156, AI356555, BE738267, AL522957, BF940042, AU132734, BG036876, BF207755, BE866533, BE999964, BF216980, BE567528, BF210168, AW006213, AA506981, BE748710, BF238741, BE565646, BE567849, BF028372, AI097642, BE671753, BF669347, AA481159, AI365242, BE263776, AW613149, BF207815, BF062845, BF207601, BF184549, BF029492, BE748034, AA600213, AA570018, BF677978, AI380165, AW474849, BF029410, BF212774, AW327326, BF242826, BE782106, AI189808, BF673083, BE958173, BF691558, AW327647, BF242098, W40404, BF183977, BE566862, AA521171, AI824172, BF701792, BE564186, BE737955, AI630337, AI276975, BE762520, BF183896, BE865656, AI078467, AA706141, AI047101, BE502602, BF207203, F08084, BF241687, BF246011, AI638395, AW947427, AW236896, AI076444, BF575292, W92066, AI370021, H54752, AW083735, AA308891, AA971116, AW952287, BF745131, BE563907, BF907533, R93244, BF431085, AA834180, AI220183, BF754428, F04320, BE566548, BF381304, AW750302, AA193557, BE075259, AW378464, AA847005, BF213891, AV688842, H54751, N93924, AV687331, BF745923, BF798270, BF214281, AA290913, BF209678, BF381625, AW606584, AW384533, AV699554, AA301337, AL042687, AA569904, AI189079, R57070, N85824, AA828789, AW979044, W92049, and M87339.</p>
HT5GC28	190	984008	1 - 409	15 - 423	<p>AW629796, BE907694, AI879258, BF125522, BG165445, AI991040, BE265179, AA306760, BE386666, BG033049, BF569429, BE616679, BE961094, AV752683, AA554831, AI904451, BF345953, AI563938, AA421977, AI908006, AA310481, C04874, AA325475, AA641261, C04859, BE298529, AI627256, BE876461, BE907784, C03419, AW085607, AI879639, AI907999, AI828997, AW800145, AA702425, AW834911, AW996129, AI348015, AA331368, AV726768, AA633265, AI078778, BE965867, AA477052, BF128018, BE698358, AI246215, AV704488, BE905105, AI356116, BF981367, AC009470, AX011754, X96506, and U41843.</p>
HDABW50	191	984168	1 - 510	15 - 524	<p>AW160956, BG112870, AA181146, AL533095, BE299316, BF206076, AL518638, BG025731,</p>

					BG027680, BE019254, BF797145, AW160779, AV701299, AL533158, BE254796, BF128863, BE267759, BE618134, BE397759, BF183232, BG034440, BF982019, BG251910, BF797411, AA306380, BE898025, BE897092, BE304609, BE280212, AL533932, BE256616, BE888620, BE257413, BF972257, BF305365, BF303592, AV701256, BE777834, BE785075, AA361278, BE259295, BF033090, BE872617, AL536483, AA147916, BG032975, BG109112, BE616894, ZZ1306, BF062245, BG170907, BE466819, AU077114, BE542087, BF204786, AA295792, Z20331, AA311755, AA370388, AA381537, BF568489, BE799154, AC027269, X52882, D90344, MI2899, A45915, D10606, S46763, M34665, D90345, AF143497, and AF143496.
HAQBH11	192	985043	1 - 1283	15 - 1297	BG033206, BF342428, BE512834, AL048282, AI879320, BE856361, BF795509, AU151801, BG261226, BG034970, AA744603, AW665535, BE251894, BF109751, AI554548, AA582428, BG031393, AI741757, BE676082, AI879319, AA488479, AW248852, AW406490, BE256937, AL047958, AI004611, AA037421, AA774634, N93305, AA430402, AW249274, AI400297, AI811153, AV722095, AI741768, BF125670, AL047959, AI097609, AI348358, AI221281, AI929211, AI928959, BG059980, AA430649, AI189422, AA429252, N24950, AV763462, BF821350, W84606, W79170, AI807903, BE675976, AA156930, AA156806, AW957268, AL520686, AA918136, BE350569, AI436788, BE465495, AI914409, AA731701, AW007162, AI572971, AI127872, AI086033, AI304732, AI304534, AI304332, AI436606, AI148551, AI273244, W25157, AW732151, AI016547, AI334031, AW245121, AA195312, AA680089, AA706611, AA905742, AA857129, AI935026, W74366, AI475996, AI077774, AI858890, BE618488, AA613374, AI424179, AI572567, BE302299, N37064, AI469806, AA648333, AI310080, AA854601, AA922513, AW469487, AI276775, AW978876, AA904130, BE677872, AA703663, AI832558, AA195123, AW401707, AL520541, F20916, AI434634, AI167203, AA54680, AI015217, AA716603, AI919489, AI400655, AI369295, BF204499, AI096816, AW291743, AI708380, AW510583, AI073623, AI864517, BG235989, AW957984, BF432700, BG027523, AL048281, AI473968, AI142442, H21173, AA010920, AA628365, AA181912, AA680368, W68434, AA535548, AW193651, AA666297, AW970399, AI567256, N33827, AA723469, W88714, AI129518, W02166, AA927718, BF436216, AW129400, BE903621, BE894137, AI937756, BE255000, AI439069, AW085013, AL528761, AA291158, BE618888, AL520685, H21172, AA701980, W88713, AA745783, R60749, BF438994, BE379605, AI266717, AA021053, BF220074, AA352112, AW151019, BE618705, H62602, BG122824, AI985732, BE619838, AA576306, N41653, AA777363, AA329553, AI536627, BE619636, AA364327, BE619554, AA523080, AI968125, AI362972, R16958, W68552, AW082162, H77490, W60381, AW888780, AI239605, H00750, BE778855, BF002315, AI419366, F37003, AA281392, BE252322, R55029, BE539494, AI264447, F33844, BE622622, AV758923, AA927434, AI300497, H95107, H19581, AA995088, AV739146, AL522112, AI254228, AA909383, BE783148, BF964544, AI933194, BE619936, AW206638, BE386528, N67439, AA032085, AV738905, AA906240, W32502, BF664072, N80233, BG026963, BF943594,

					N88679, W38324, AV739446, BF943595, H77489, BE619403, BF797152, F13662, AV758240, T85967, AA356672, AA827089, AV738715, AA886406, W60290, BE880331, AI565666, AC004148, AF275902, L04636, M69039, X75913, AR001488, AF238300, AJ001101, AJ001102, T75519, T79324, T97266, R00559, R43811, H19498, W35357, W84587, AA195016, AA256539, AA429036, AA541335, AA886821, N46376, AA090596, AA096370, AA649533, AI350333, AI432739, AI701659, AI866522, AI874327, and AW272778.
HMVAW42	193	985280	1 - 1033	15 - 1047	BE882789, H18418, H18419, BF983783, T98073, BF799367, AK024419, AL049742, D86997, D88269, AC007050, AC002041, and AC007882.
HAGDF03	194	985323	1 - 886	15 - 900	BE743574, BE747360, BF037152, BF037322, BF185217, BF034907, BF035464, BE735974, BE735948, BG177694, AA912117, AI809647, AA904850, BE715907, AW167552, AI146565, BE932773, AA074391, BE932728, AA905581, AF057950, AW197091, BF818794, AW582452, AW362760, AW362834, BE736338, X76029, AF203444, M94555, and AF222762.
HOPKI29	195	985401	1 - 656	15 - 670	AW967189, BF568535, BE876991, BE222939, AA504246, BG249370, BG255913, BF308620, AW328087, BF034851, AW328088, BE793300, BE905639, AI735694, AI095336, BE386578, AA614065, AA569837, AW196810, AA608885, AI653486, AA613913, AI924658, AA613925, AA554728, AI560961, AA719377, AA469078, AA830299, BF038609, AA203548, BG177899, AA614181, AI858312, AA552154, AI200336, AA885917, BE620103, AV754386, AI031613, BE784692, AA081285, AW166322, BE042784, BE791140, BE964673, AA911010, BE048169, BF568842, AA741206, AA081284, AI126452, AA155948, AI138974, AI139507, AA890569, AV751934, BF125381, AI371201, BF125620, AI205847, AA826559, BE714318, AV726932, AI355171, AI191488, AI311103, AA974366, AA632296, AI581287, W19605, BF125603, AI369911, AI052549, AI363011, AW192081, AA724119, AL110319, AA757027, AI492635, AI310711, W80967, AA828873, AA716667, N70808, W35100, AW190632, N93842, N94928, AW206213, AA804201, AW205535, BF222360, AA045330, W40298, AA186411, AA583415, AI299768, N94313, W47097, AI310460, AV739579, BG168459, AI185445, F21331, AA045388, AA602057, N69883, AW263722, AI874123, AA300062, AI133096, AA308875, BE766731, AA188134, W01415, AI192988, AI002735, AI863303, H73006, BE175080, AW603296, AW883548, AV742934, F00800, AI749433, F36662, W80968, F31017, AA303960, AA902606, AA657819, BF214015, AW883024, AA483632, F22498, BE694643, AW800284, BF820314, AA844336, BE702621, AI206672, R48509, AI445725, AI358193, BE646027, AA599755, BF752265, T90159, AV743096, T90057, F26867, AW882945, AW883656, AW375553, T35390, R35896, BF477469, BE085557, F29236, R48510, BF083095, R35895, N44815, N88653, F29357, AA193068, AW883822, N90560, N57064, D25765, AW059723, W20367, C20592, AW883811, AI253621, R29399, AA283439, BF213077, N64284, AW800074, AW882794, AI000414, AW883496, AW883108, AW883699, R57063, AI802283, N98855, AA155903, BE069170, AW385521, AW883325, AW364453, AI332761, AW820144, AW819764, AW819769, AW606771, BE766667, AW883216, AW819735,

AW883730, AW820090, AW882672, F37805, AW820056, AW935908, BE932900, BE160283, AV756451, AW819987, AV758146, AV757205, AV757362, AV755651, AV756382, AV757372, AV757816, AV757802, AV756662, AV757012, AV758504, AV758177, AV756770, AV757984, AV755218, AV757963, AV755484, AV755973, BF869949, AV758806, AV757827, AV756566, AV755595, AV755249, AV757996, AV757797, AV755668, AV756122, AV757423, AV758615, AV756735, AV756992, AV758087, AV755462, AV756036, AF070650, AF087135, AX011701, AF086159, AR012235, AC015550, X06089, AB047941, AF078844, I48978, I89947, AK027146, A08913, AK026480, AX040974, A08912, AL389935, A08916, A08910, AL162002, A08909, E02349, AL050116, AL389939, AF090901, AL133606, AK000432, A08908, AL049466, U87620, U91329, AK024538, AF028823, AK025906, AL137273, AL390154, AK027164, AR038854, AF113694, AF119860, AL050393, AK026506, AL080158, AF116644, I89931, AF116676, AK025435, E06743, U88966, AR087170, AK000250, AL049283, AF119859, AK027204, AF130110, U42766, A18777, A76335, AF153205, AF119857, AL049464, I48979, AK026464, AB048975, AL110280, AF113691, AK027082, AL359596, AK025349, A93350, AF017152, AF090903, I09499, AX010492, AF321617, X83508, D83032, AF114784, AF314091, AF113677, Y11254, AK026353, Y10936, AK026626, AF130105, AF218034, E07108, AF130099, AF262032, AL133016, AF125948, AL359620, A93016, I00734, I89934, AF130104, AK027081, AL110196, AK026583, X70685, Z72491, AK000618, AF111849, AK026630, E00617, E00717, E00778, AK025484, AK000391, AK026649, AK025383, AL137429, AF111851, AK025084, AK026434, AF111847, AF090896, AL050092, AK026600, AF116682, AB049848, AK026534, AK026542, AR013797, AF090934, AL133080, AL049430, AK026642, AF225424, AK027173, AK025375, AL117583, AF217987, AL137459, AK026784, AK025632, AF130082, Y07905, AL133072, E01614, E13364, AR011880, A08911, AF113690, AL359622, AK027096, AF218031, AK027121, AK026528, AF119909, AK026741, AK026797, AL133557, AL122100, AK026452, AL050149, AJ003118, AL359615, AF177401, AL353940, AK000647, D16301, AL117432, AF079765, AL122098, AF113013, I89944, AF116691, AK024524, AJ000937, AF087943, AK026164, AK027193, AJ238278, AF026124, AB050431, AL117457, AR079032, AK025708, AL080140, AF158248, A90832, U78525, AF208850, AF056191, AL133010, AL110222, AB047904, AF175983, AK027105, AF090943, AK025967, AK025591, E05822, AL389983, AB047623, AF166267, AF143723, AK026959, AL080074, AL110197, AK000285, E08631, AF146568, AF208026, I68732, S76508, AK026744, Y13653, AK026865, AC006313, AF091084, AL162083, AX005848, AX005804, AR072729, AK026950, AF116602, AK025524, AL050108, AL133568, S79832, AL133113, AL137527, AL049347, AF022363, AJ012755, AL133665, X81464, I41145, AF162270, AR020905, AL359941, AK024594, AL133067, AF119894, AL122049, AF118094, AB048953, L13297, AF119878, AB050410, AB048913, I33392, AJ299431, AL049382, AL137271, AK025414, and R50471.					
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HAJCA11	196	985580	1 - 1282	15 - 1296	AU132390, AU124559, BE900238, BE732404, AU129885, BE080187, BE926773, BG114544, AW500118, BE537542, AU131408, BE789187, BF922033, BE281277, BF089292, BF083954, BE731775, AU128452, AW875091, N87006, N86017, BE295990, AU133348, AW875092, BE207290, BG027252, BE085014, BF242268, AC006509, A58904, U28946, U54777, U73735, D89640, and D89646.
HWAHA11	197	986078	1 - 1131	15 - 1145	AL528672, AL528671, BE740519, BG179875, BE876837, BE409722, BF125146, BE384347, BE905434, AA480075, BE736786, BE386983, BE385086, AI708432, BE909934, AA777273, BF901579, AA455206, AA362335, AA969968, AA427548, BE275509, AW104489, AI799353, AA421632, AI078240, AA427707, AW955562, AA454864, AI310388, BE743523, AW170140, AW089692, AI129255, AA903911, AA362336, BF813903, R72751, R72760, AA554328, AA483784, R48745, AI197789, AA304308, AW591924, AA320293, AA491393, BF541788, AA360465, AW839762, BF818256, BE622335, AA143722, AW591933, BF927574, BE071386, BF754668, BE622797, BE071396, BE967257, BE243667, BE071302, D20583, BE729081, AX041029, and AF188504.
HSAMI43	198	986158	1 - 1595	15 - 1609	AU149573, BF034032, BE278549, BE731160, BF034631, AW236853, BF084841, AU126259, AI761782, AU151440, AU149075, BF699903, AU150909, BE542926, AL527731, BE539229, AI628901, AU150578, AU152956, AI354451, AW386462, AW386546, AW386459, AW386633, AW386541, AW386540, AW386674, AW172296, AW386290, AA496720, AL527730, AW386399, AW386293, AW386545, AW386675, AA827175, BF109445, AA766675, BF572742, BF700363, AW673859, AI039522, BF904724, AI954042, AW386400, BE538430, BE783497, BF361388, BE535955, AW386676, AA496777, AA332056, AW386463, AW401913, AU125409, BF349062, AW386593, AW386404, AU119856, AW794691, BF361390, AI630067, AW468663, AU126032, AW610565, AW605675, BE816416, AA969139, AA625769, AA948540, BE816439, AI829160, BE833448, AW386548, BE011481, BE011489, BE816391, BF767633, AI798526, BE816420, D59324, AW674070, C21288, AI254727, AI648699, AL040011, AI445620, AI927233, AL040241, AI887163, AW082532, AW051088, AI445256, AL043152, AI677797, AI445812, AI783792, BE393784, AL513729, BE964614, AW076124, AW088560, AI471429, BF921295, AW089275, AV721755, AI590575, AI972170, AL041150, AI368816, AI586931, BE883591, BE084795, AI630877, BG122101, BG251076, AI538885, AV733682, AI628284, BF965877, BE620438, AI758445, AL046944, AI249389, AI242246, AW163834, AL119791, AI357599, AW078767, AW827102, AI860830, AI886055, AI301710, AI963846, AW089405, AW149221, AI570966, AI571699, AI433611, AW025279, AI582240, AI500061, BG032919, AI453248, AI620639, AI434242, AV750565, AI917994, AA464646, F32537, AI886123, BG107844, AA838230, AI689614, AI812015, BF033757, BF793462, AI241741, BG109164, BG110577, AI439452, AI537677, AW172981, AI679550, AW104141, BF814449, AI929108, AI950877, AI682121, AI686589, AW166937, BE047691, AI818358, AI566430, AW079432, BE879108, AI184903, AV756794, AI623682,

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HNFJH73	199	986165	1 - 2951	15 - 2965	AB007812, AF026124, AK025113, S69407, AL133565, AL389982, A03736, and AF019298. AL135307, AV705200, BG113555, BE893152, AU140178, BE275933, BE894324, AI934515, AA716409, BF060791, BE299687, AI677871, AW954275, N29134, AI808415, A1621031, AA582436, AI923237, BG179963, AA700347, AA463830, AA825773, BE393064, BF219349, AU158345, AI831482, BE893515, AI829698, AI354807, AI041945, BE208699, AA831207, HI4671, AA906989, AA460265, N29562, AA679105, H07010, N29294, AA664218, BF438401, N26851, N20226, N21171, R66676, AI147747, BE567629, R53048, AI969497, AA953469, AA976405, AW206458, AW373029, AW503770, BE407841, AA224344, BF111112, Z44255, AA878064, H54297, Z44642, BG006488, AA303163, H05459, N42173, AI206338, AA219130, AA503077, T29413, BE551030, AI805791, R53135, H54374, BF110041, AI970159, R67394, AA384950, R37379, H68011, R73097, AI081796, R68165, BE302777, AW411287, BG119446, AA918529, BE314959, BF988929, AA369756, AA295590, AI927476, R14630, Z39579, R73098, AA960999, H60931, BE212051, F01802, F03399, R13469, AI565718, BF976822, H10504, AA137020, AW590683, AI652433, F03681, BF571534, C15517, F05530, AA136924, AA369755, T49871, AA341117, H60845, W93139, AA010506, BF344411, H67688, AI253282, AI825058, T49872, AW798336, AI185461, AA026121, BF701801, AA026205, AA722157, H14581, AA301189, AW411286, BE220882, R52710, BF700338, AW084882, AA219513, AA932778, N39964, X96375, X76184, AY004174, AF075706, AF075708, E06025, E06024, D12765, U35622, U18018, X63190, AF095890, X96377, and X96376.
	200	986328	1 - 738	15 - 752	AI631653, AW514704, AI683239, AI762458, BE544805, AI952420, AI675981, AI926932, BE536677, H48459, AA780363, R99152, AI049877, AA626759, AL031672, D80008, AP001712, AP000466, AL009051, AC005156, AC006006, AC002115, AC008745, AL121825, U91323, AC025030, AL133244, AL161938, AC007883, AP001630, AC016612, AP001748, AC005531, AC004386, AC002418, AL031597, AC005840, AL159970, AC008747, AL080242, AC002978, and AL031651.
HNTCH03	201	986744	1 - 2257	15 - 2271	AU125631, AU122638, AU124434, AU119564, AL521525, BG108961, AL523942, BG035161, BG251944, BG036436, BF796027, AW853573, BE898956, BG256538, BG119012, BF971387, BF038129, BF665538, BE178302, AI589375, BE292972, BE897915, AW853577, BF983057, BE178464, AI720743, BE743787, BF698180, AA576889, BF344035, BE074977, BG120570, BE074978, BE542431, AU125797, BE074983, BE927446, BF028723, AW664254, AI924017, AA622618, BF699259, AW853635, BF664182, BE773949, AV734594, BE674801, AA780625, BE764622, AW602743, BF751549, BE927448, BE773962, AI632995, AW602746, AI831228, AA127994, AA632633, BE675358, BE855875, AA830571, AW517313, AA460805, AW513297, W80991, BG029093, AA741398, BF082772, AI571048, AI141113, AA946941, AI984475, BF432650, AA652978, AI672687, AI190250, AI678469, AI092182, AA845782, BE927450, AI936315, BF334264, AI075287, BE932015, AL523941, AI597847, W81093,

					AW104773, BG056516, BF740090, BE251299, BF919259, BE773964, AU128580, AI884832, BE932029, BE171973, AI523288, N70538, AW886360, N69034, BF361037, AW071518, AL121348, BF945741, AW801680, BE927444, AA143051, AW801696, W68118, AL120946, BF904452, BF955068, AA807897, BE245676, BE086998, AA765885, AA535606, BE927436, BE778072, BF093541, AA076360, BF373538, W67691, AA663749, AI052509, W27647, AA143250, W00664, BG108992, H83325, AA676456, N93793, BF839013, W05851, AW651747, BF349236, AL521526, AW853630, AA177087, F06727, BF093544, BF229679, AI174288, BE773961, Z39753, AW351657, AI907303, W04331, BF760988, N95782, BF088904, AI253764, BE940308, AW801632, AW021876, AW799691, T79592, BE773988, BE773978, W28688, N67074, AA627487, N92965, C00490, BE773999, AI557470, BF740748, BF743310, T79674, T80951, AA629900, AI695168, AW009552, BE773994, W24896, T87240, BE816249, BE259711, AA368874, AA248274, H56269, AA908719, BF088933, AW403744, BE773973, T29748, W21422, BE927447, AW407237, AW075348, T05740, T24051, T87157, AW361232, AA056364, N74166, BE773977, BF356669, BE175576, BE773987, BE773997, BE773995, W68233, BF088932, AW853634, AA991598, H04126, AU127165, BF740840, BF364217, BE773947, BE177132, N84336, AW753242, BF832460, BE773984, BE810833, BF945806, BE841985, BE696002, T25762, BE931899, and M63488.
HSPAD08	202	986767	1 - 1213	15 - 1227	AW193875, AI859472, AW512687, AI298658, AI683140, AW510341, AW189037, AA075515, AI352215, AA293804, AI634702, AI972816, AA451904, AI204509, BF111273, AI680769, AI206090, AW170346, AW102571, AI491895, AI683354, AI683449, AI800229, AW105621, AW517880, AA628896, AA972922, AI131418, BE393771, AI269897, BE898899, AA477548, AA534766, AA496431, AI128837, AA555137, AA477050, AA563656, BF446212, AW054677, BE208245, AI972158, BE394824, AA432228, AA291675, AA719455, BE394667, AA496562, W67669, AA433859, AA936665, AA452084, AW003747, AA704365, F02471, AA688358, AA292518, AW166518, AA828939, H50634, AA603048, AA075256, AA078977, AA025750, AI609687, BF750539, AA010660, BF035171, AI955963, AA287213, BG150710, BF061263, AI087799, AI459028, AA428593, AI932457, H50635, BF223547, AA284324, W67668, AA327201, AA506658, AA476938, AW772554, BE674284, BE694854, AA722190, AA507349, AI540421, AA010659, AW189604, AA290981, AA969241, AI685657, AA025902, AA406009, AW088425, AA477670, AA402537, AA477179, BE001672, BE382381, BE746798, AA394184, AA477553, BE931271, AW749395, AA290980, F02231, AV705972, AA402896, AA401329, T28367, AW207468, AA079060, AI521428, BE515017, AA477665, AA335459, BF883518, AA405299, BE001677, AA385556, AW779288, AA403038, BE001587, AW467094, AA411029, AA411533, AA908550, AA293236, AA385354, AI963250, AA402928, AI130774, AW995301, BE816517, BF877343, BF877245, H53726, AL031663, AX014329, and A18924.
HFKBA32	203	987018	1 - 1853	15 - 1867	BF310989, AA779683, AA778834, BE671061, AV751426, AI053953, BG257892, AI609802,

					<p>AI860306, W27660, R52806, AW195940, AI380154, AV752306, AI174219, AI422421, AV753926, R44985, T19342, Z45051, BF313622, N50668, AA699401, AI912462, Z40782, AV754072, T32252, AV754907, AA716140, AI382444, R20199, AW519215, N50758, BF831401, BG153108, AW748527, AL449781, AL449783, AL449725, AL449782, AL449784, AI449726, AI202657, AV702148, AL121740, AL031652, and S68401.</p>
HHFLU49	204	987071	1 - 1380	15 - 1394	<p>BE792620, BE019329, AA485440, BE793998, AI469092, BE205890, AI191926, AW194434, AI184921, AL035775, AA455208, AW079362, BE269697, AA485606, AI089456, AI332821, AA630354, AA490222, AA454866, BE677870, AA7444740, AI392667, AA856590, AA401195, BF529066, AW473066, BE798034, AI825496, AA352810, AA282213, D20119, R85135, AI564870, AA282165, AI453191, T28579, AA348281, R85086, C02583, BF813606, AF245447, AC022154, U48213, and D28468.</p>
HOENX16	205	987112	1 - 3893	15 - 3907	<p>BE891680, BE178297, BE178296, BE178286, AI268332, BE670810, AV707583, BF195477, BE177969, AW951402, AW958955, BE551841, BF445193, H97932, AI741806, AA778568, AW157094, AV646610, BF448214, AI268370, BE551065, AI702945, AI424098, AW451803, AI692508, AW167867, AA628493, BE044558, BG116437, BE218339, AI598189, AI654033, AV653817, AI817262, BE220165, BE467572, AA971551, AW043615, BF109315, AI936744, BE219699, BE219449, AI819358, AI057105, BF448042, BE178117, BE168027, BF434998, AI887913, BF514130, AW119000, AI459272, AW025400, BF434156, AI703246, C06099, AI689853, AW149578, BF058188, AI791586, AI417870, AI420664, BE178000, AA283186, AI703125, AA394164, AI366783, AI377829, BE178101, AW149393, BF940116, AA464856, AA483691, AI951466, AI371041, AI422898, AI566539, BE219820, AI371032, AI199202, AA583355, BF058198, AI089906, BF116136, BF115258, AA977253, AI146316, AW197103, AI094921, BE326470, AA971743, AA994584, AA044947, AI075961, AI393161, AA044943, AI202319, BE327284, BE669883, AI589590, AA972772, AI632940, AA628533, AW341013, AA629360, AI215842, AI039295, AA532381, AA931937, AI076496, AI081377, AW003065, BE856431, AI299481, AA932867, BG149327, AW079999, BF436113, AI376081, AI222964, AI362071, BF061630, BF434279, AA427892, BF115881, AA618566, H98616, AI911958, AI080656, AW028722, AA628503, AA884934, AI184689, AA433882, AI357324, AA405766, N33018, AI356893, AW341785, AA934413, AA434383, AA513037, AI673829, AI376275, BE671351, AW771579, AW152313, AW104344, AA453341, AA994794, AA730790, AI139706, AW163063, BE672575, BF514498, AW139974, AW450904, BF732982, AI560166, AA992454, BF437946, AI268743, BF058175, BF732363, D52937, AA759378, BF448255, BE564373, BE766897, AI350218, AA292346, AW969749, AW263630, N99650, BE219748, AV646822, AI094082, BF431731, AI268578, AA452493, AA577028, AA484850, AW051780, BG149815, AA405847, AI279152, AV723873, AW015816, AI279039, AA230021, AA482694, BE504543, AI383225, BE672185, D62553, T75442, AW966446, AA384817, AI143652, BF514961, BE858120, BE972813, AA001089, BE222561, AA228265, AI205651, AA829807,</p>

HTFOW71	206	987165	1 - 3700	15 - 3714	AA332060, BF229130, R80152, Z36959, D44840, AI692586, BE709287, AA668713, AW028893, AA935871, AI311975, AI313288, AW951403, F13013, F10610, AI910420, AI379372, AA516076, R73731, R73650, AI348747, AI610907, BE180375, D62481, BF438546, AI611925, AW297589, AI784325, D45510, BF054671, BE502727, AI671347, AA621928, BE180154, BF886759, BE180152, AI351256, AA745667, D62330, AI371476, AW451761, BF054866, AL022726, U28368, Y07958, UI6153, X75018, AJ001972, AF077859, AJ001971, AF030295, AL133390, AF085889, R20393, R43511, R43511, R80886, N71679, AA001053, AA149057, AA464151, AA730651, AA923038, AA934400, D79281, C20741, AA410247, AA410595, AA410596, AA436359, AA454080, AA480072, AA482617, AA709262, Z42701, AI469058, AI188065, and AW297335.
					AU118585, BE875298, AV682483, BE708209, AW965424, BF031382, AA908770, AW194236, AA863229, AA292918, AI140754, BF130541, AI921186, AW188519, BG149424, AA878230, AI828605, AW975392, AW875556, AI949757, AI803722, AV749448, AW474515, AW474470, AI014812, AI373797, AU158313, AA526126, AA809213, AW273542, AW191931, AV715119, N62972, AI914731, N50836, AI784523, AA935043, AV681975, W04335, AA741240, N79876, AA814785, AW876605, AI000955, AI096936, AA767593, AA827102, AW876602, AW023275, AI014777, AA480539, BE007133, BF961785, AV659835, BG026599, AI358045, BF367902, AW340779, AW379327, AA280431, AW393163, R88194, AV749193, AW516924, AI095334, F17499, AW972832, AA527642, BE765701, AA334408, AA745802, W03745, AA252969, AI241826, W03727, R33831, AA745278, BE173119, R75838, N73949, AI361182, AV749201, N55158, AA096078, R75839, R33832, BE007129, N74169, AI934211, C02132, AW373395, AA253011, AI571875, AW015268, AB018256, AK026643, AK023740, and AF121862.
HTTAG03	207	987262	1 - 1291	15 - 1305	AU130318, BG259774, AU125274, AU128855, BG256568, BG177060, BE257156, AU129041, AI700706, BG024376, AW364136, BE548336, AU128166, AW386043, AW601873, BF525772, BE019700, AU132416, AU127646, AA291324, BE905471, AA179587, AW503906, AW996355, BE747534, BF087827, BE709414, AW197058, W26424, BG257764, R81308, BF754332, BE256391, AU133402, M85963, AW993840, BF754246, AU125115, AW386030, AL121131, AA207003, BE390411, AA332904, BF736085, AV724551, AW373274, AU123386, T09019, BF932018, AU133513, T31784, AU132106, N77135, AU142640, AU128923, AU130530, R18813, Z43001, AU129525, BE694459, T34189, AW975891, F12246, T34191, BF085466, BE719825, BF376318, AU128888, BF968290, BF928373, AW163398, AA985239, T77416, T30644, H14655, BE171681, AA333145, BE887490, BG004439, BG001543, AA972641, BF895334, BG112027, T30285, R34764, R20971, AW503416, T65268, AU132457, BE719079, AV706679, BF895331, H19179, BE295342, BG252015, BE161948, AA156130, BE007849, BF845158, AA429537, BF514515, AU126430, BF929781, AV756829, W96495, BF841516, AA218823, H87691, AA082864, AI989432, AW843600, N56845, BF761493,

HINTN89	208	987577	1 - 1774	15 - 1788	BF899121, AI003240, T78660, BE002101, AA525285, AW340165, AF017085, AF043220, AF043219, AF036613, Y14946, AF038968, AF038969, U77948, AF035737, AF038967, AF015553, AC004883, AC005098, AC005080, AF267747, AC004166, AC008267, AC004867, and AC004878. BG031718, AW513358, BF976544, BF438157, BG032811, BF331293, BG024716, W79562, AL535366, BE884963, BG117015, AI015417, AA195361, AI168363, BF888337, BE736684, BF898627, BE252727, BF092574, BF026987, BF092380, AI313235, AI186042, BF869862, AW803215, BF835770, BF689427, BF002648, BF842552, F01241, BG256421, BF805719, AI460203, BG030479, BF309323, BG256560, BE763786, BG031518, BF922507, AW498536, BF882825, BF988866, BF182880, BE733066, AA452576, BE702993, AW601526, BF027104, BF882823, BF083180, AA195362, BF814079, BE314540, AA343903, BE799669, BF229237, BG257848, BF812714, BG007737, BF229214, BF829579, BE771762, BF827229, BE781509, BF346947, BG003854, BE747136, BE933685, AW499012, BF527029, AA248724, BE899626, BG030023, BG164309, AU141520, AI075687, AW498552, BF025833, BF900113, BE173877, BF912681, BF313647, BF954395, BF757992, AA577565, BG256431, AU118535, AI795846, BE140733, AI795807, AI795845, AI834271, BE140756, AI795820, BF766160, BE278426, AI795809, AI816586, AI816599, AI795804, AI795835, BE140737, BE140735, AI795812, AI795806, BE140736, BE839312, AI795802, BE811847, AI795830, BE772922, AI834270, BE140734, BE140738, BE694678, AI795853, BE140757, BF923079, AI795850, AI795844, BG031631, BE273730, BG176632, BF894840, BF981708, T12220, BE560871, BF348639, AA932665, BE140785, BF851195, BE777506, BF357970, AW177740, BG177284, BE889126, BE294313, BF984543, BE140782, BE707376, AA554454, AA706989, AW845338, BF882819, BE769206, AW580354, AW177756, BF966485, BF375580, AW581253, AW732883, BF203759, AW732860, BE616578, BF923384, BF842532, AA452754, AW607309, BE769218, AI834266, BE168455, BE814247, BF089125, BE082661, BE769200, BF510367, AI905996, BF972638, BE275901, X51466, Z11692, AF079098, AF079099, Y07504, U17362, M13708, E01155, U89415, X15337, X15335, X15336, X13988, Z34849, AC002347, and X04267. AI347165, BE674960, AW262846, AL524881, BF590769, AI479150, AL524880, AI765046, AI954702, AI862166, AW341529, BE671360, AI979234, AA425381, BF222205, AW271374, AI498382, AI350299, AW207600, BF445305, BF939315, AA971011, AA045629, AA047515, AI675480, AI952656, AW136682, AW886735, R94308, AA135217, H92097, AI364888, AI566024, AA676245, T67202, AA885307, AA459915, AA460100, AA906376, AA935669, AA399986, BF590005, AW518625, AW769577, AP000503, AL132713, AF134726, AL122094, AJ245661, and AA401402.
HRADQ96	209	987636	1 - 799	15 - 813	BF110739, AV704400, BG119539, AA905643, AA011185, AW975682, AA730907, AA736634, W70279, BG116516, BF914127, AI751939, AW963708, BE734515, AI242625, AA374275, AI148822, AX046526, AX046525, and AB023209.
HLDCJ16	210	987808	1 - 955	15 - 969	

HCOPH23	211	987900	1 - 591	15 - 605	AV729764, AA489568, BE938598, BE535256, D63283, AW177206, AA992072, BE843894, BG108043, BE865610, AW592116, AW996479, BF920145, AW996421, BF666980, AW996637, BE568865, BF216333, BE929243, AW950983, AA355341, BF036942, X89478, and A84106.
HEEAQ78	212	988159	1 - 609	15 - 623	AI203969, BE296775, AI694104, AW006595, BG259789, W19306, AI202279, AW117484, AI244102, AA360001, D31227, AW173045, W30958, D31245, W79314, AI968556, N27070, D30986, W87555, AA099257, BE550156, AI588983, AW204247, AI366748, AI805886, AI138445, AI313140, BE468140, AI458728, AI275451, AI279857, AI674281, AI431916, AW664610, AI928380, AI269434, AW303460, BE674620, AI803131, AI867122, BE221203, AI925957, AI435892, AI767332, AI218515, N99243, AW770741, AI279859, BE670348, AI379346, BE465388, AW663406, AI265771, H85592, BF110468, AA464584, AA909667, AI073818, AI243233, AA502751, AI804773, BG009489, AW779926, AI697614, AU145024, AL121250, AA889681, AC005746, U28049, AF244917, U15566, and AK001031.
HOFNY16	213	988363	1 - 1198	15 - 1212	BG164515, BG111223, BF112285, BG026284, BF684158, BG112559, AI741360, AI028092, BG027394, AW054930, AA843208, BF112117, BF106122, AI885734, AI086570, AA779766, AI149382, BE465615, AW131854, AI589032, AI761580, BF970936, AW338608, BG028559, BF594649, AW957967, BE535650, AI221082, AI538973, AI457118, AW305001, AA224194, N32622, BE857341, AI332782, AA574231, AW166459, AA502344, AI446132, AI333381, AA918408, BF700624, AA843391, AI188410, AA911794, AA694111, AI128450, AI017450, AI183618, AI695163, N71175, AI359210, AI362223, AI076169, AI373833, BE645009, AI969702, AI679434, AI679944, AI632818, AI751761, AA464068, AA677764, AA262544, AW611909, H98169, AA316805, AA224296, AI351595, H46974, BF939054, AI094637, N29775, BF000254, AA191432, BE439725, H99191, AW008944, BF317333, AA261907, AI654665, AA766635, AA629945, AA345802, N49576, BF941630, AA513768, N21971, AI469939, AA731203, AA627622, AI222668, AW627836, AI128771, AW206264, AI678337, AA463932, AA526189, AI535798, AA526159, BE615345, BE615934, N24474, AA781062, BF373261, AA766011, AI004436, AI249345, AA027991, AA366773, AA344096, R10708, AW131678, N28580, W19349, AU156209, AA333690, N47841, N57194, AW337311, AA027990, AA618114, AA861099, AA508759, AA780171, AA355540, AA508773, AA528039, AW972443, AW972641, AA535956, T25759, BE770747, AA918251, BE164977, BF997435, AI687527, AI749060, AW197976, H83283, AW104117, AW866581, AW866501, BE841187, BF374341, AW969030, BF001680, BF792390, H61031, AW866266, AW132056, AI590043, BF812960, AI433157, AI702073, BF812961, AI950892, AI635942, BF812938, AW827289, AI114703, AI280637, AI648454, BF970652, AI435253, AI633125, BE047852, AI445611, AI514717, AI569583, AW366372, AI698391, AW129659, AI635461, AI888208, AI862139, AW168650, AW026882, AI491775, BE964614, BF724198, AI431975, BF814453, AW251034, AW051258, AI536685, AI802542, AI818980, AI515191, BF816042, AV729953,



AI670009, BE965621, AW086113, AI670002, BG109131, AL513961, A254731, AI564719, BF814412, AI815232, AI677796, BE965121, AI619502, AI445432, AL514579, AI687728, AL513597, AW166903, AW235482, AI435641, AI637584, AA292158, AI286256, BF925729, AW081036, AV735235, AI648509, AL514047, AI690426, AL514357, AL045500, AI687362, AI267162, AI926790, AI440239, AI590830, AI890833, AI812107, AL039086, AW148408, AI612913, AL513577, AI620003, AI799183, AI592926, AV703585, AI582391, AI687127, BF921291, AW079075, AL134830, AI580984, BF856017, AL514701, BG180046, BE963244, AI636588, BF868489, AW104724, AL110239, AF151872, AK023498, I89947, AK026506, AL110225, AF113019, AL110280, I48978, AF116631, AL162083, I09499, A08916, A08913, AB047904, AL133557, S78214, AK027096, AL137557, AL110196, X82434, AB049880, AL117463, AL359596, AL137480, AK025092, A08910, AF285167, AF314091, A65341, E05822, AK026480, AL122050, AF177401, AK026504, AF119875, AL117457, AL359941, AK027173, AL050149, AF116682, I89931, A65340, AL049452, AL137550, AL353940, AR087170, AF116688, Z82022, AK026927, AF113694, AK025084, AF130105, AL442082, AL133665, AK024594, AB051158, AK026744, AL389982, AL162004, S54890, AF119909, A77035, AL050208, AL050146, AL133619, AL389982, AL162004, S54890, AF119909, AL117460, AL359601, AL050116, AF125948, I48979, Y11254, AL133080, AK025339, AK026855, AL137459, AK000323, A23630, A08909, AL133640, AF118090, AB048954, AK027160, AF090903, AF130077, AK026542, Y16645, AB048953, AK026045, AF111851, AL133016, AF090901, AJ005690, AL133560, AF116691, AF113677, S36676, I33392, AK026959, Z13966, AL049382, AK024538, AF183393, AL110221, AF090900, AF230496, AJ000937, AB041801, AK026583, AK026784, AF116646, AL122100, AL133075, AF158248, S68736, AL133113, AF106862, AK026534, AB049892, A86558, AF225424, AF130099, X57961, AL050393, AL359618, X72889, AK026592, AL080124, AF078844, AF091084, AB052191, U37359, AF146568, AF090896, AL050138, AL133606, AF090934, AF113699, AL049314, AK000083, X63574, AL080163, AL122121, AR038854, U75932, AF090923, E02349, AL110296, AK026741, AK027204, AF116602, AF130087, AB052200, AF130082, S61953, AF130104, AL050277, AL137283, AF097996, X70685, AK000618, AK000212, AR079032, AL050108, AK026647, AL035458, AL133637, E03348, AF113689, AF130055, AF119878, AL049466, AK026613, AK027164, AF242189, U57352, AL157482, AK000647, AL122093, I68732, AL122110, AF119894, AF017437, AK026894, AK026528, AL050024, I33391, AF218014, AK025407, X84990, AX019230, AL133565, AX026823, A58524, A58523, AK026865, AK027081, AL049938, AF119865, AK000137, AF107847, AL137271, AF130100, AL353957, AK000074, AB050431, E07108, AF039138, AF039137, AK000391, AL353956, AF113013, Y11587, AL080074, AK024747, AL117583, AF176651, AK025414, E01963, AL162006, AK025491, AF119857, AK026452, AK025113, AK025772, AF138861, AX006092, AF111847, AF106657, AF079765, AX019229, AF104032, AL049464, AF100931, AF118094,				
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HSLCX45	214	988441	1 - 1594	15 - 1608	<p>AF118070, X80340, U58996, AK024974, AF026124, AL157431, AL117443, AL117435, U35846, and U42766.</p> <p>AU138309, BE378723, AW954529, BG170125, BE407482, BF345314, BG110266, AU126439, BG252087, AI207589, BE538230, AW370396, AW514900, AW614778, BE873057, AW370434, BF968320, BG257066, AA166771, BG112058, AL525443, BF346757, BG118689, BE545196, AI808550, AU128363, AI076009, AW748425, AL135589, AA167097, BG167568, AA430610, AI825617, AW796311, AW182707, AW748427, AI026641, BG163741, H51991, AA975592, AW995303, AI264089, AA430525, AI372496, AA297731, AW573289, AI219300, AA322231, Z45337, AI080168, AI766072, BF727366, AV696797, R76072, AA384673, W24461, BF445015, AI806968, R54168, AA296920, BE171602, BF894766, BE171603, R82603, AA294943, AV692839, AA310705, AA632404, N42674, R14396, BF726113, BE892010, AI865128, AA824553, N32458, AA356894, AA166959, AI609522, AA166910, AI253143, BE162789, BF351162, AI924986, AA444136, AI075198, W05098, AA385099, AW374839, BF516243, AI248101, AI805883, AA582768, AA809507, AA731343, W44721, AA862207, R56252, AA826145, AA573521, AW407346, BG028788, N92283, BF445409, W38624, AI373279, AI150941, AI655627, AA889359, BF439835, AW613357, AI304379, AL133843, AI143202, AI767348, BE671632, AA055559, AA400410, AI826612, AI655656, AI433399, AI361012, AI214658, T32981, AW513581, AW513568, AW772436, AW130640, BE670317, T19107, AU150661, BE220152, Z41049, AL524537, AA700295, AA001677, AW768493, BF726112, AA730248, BF196078, AW511016, AI693099, AI693113, AW150675, AA948601, AA450020, AW081598, AA947191, BF515680, AI826592, AA031305, AI693090, AW748435, T93242, AA436536, AA526868, BF034090, R82604, AA826163, AA669789, BF591968, N48257, BE550159, BF589688, T93135, AW051111, BF754254, D79627, BF184824, AI887184, BF448111, BF893582, H30152, AW844424, BE972243, BG178888, BF934121, AA180040, N35415, AA555145, AK001437, AX010197, AB006572, AF091095, AX010199, AP000693, Z82196, and AI916220.</p> <p>BE791453, BE266718, AI831454, AI478449, BF204533, BE728534, AW872373, AI366669, AI280407, AA306735, BG149615, N93873, AI268479, BE669813, AA465678, BE550202, AA912151, AA394238, AA972278, AW138759, AA310901, AW004693, AW008896, H96033, AA576640, AA292385, BF307199, BF511769, and AI074225.</p> <p>AA863120, BF732255, BE326946, AW298244, AA017053, AA435512, AW295622, AW295626, AI951643, T53592, BE939132, AW294754, AA393547, T53591, AV699140, AA969193, R05527, AI085442, AA372985, R22075, AL160237, AC022137, AC011452, AC010636, AC002097, AF072711, AC006452, AL022326, AC008469, AC005520, U82670, AF176315, AL136969, AL365217, AC008770, AC005057, AC073316, AL133258, Z97054, Z69387, and AP000344.</p> <p>BF967495, BF211711, AW327285, BF526862, BG025286, BF979085, BG027660, BE251902,</p>
HLMJB09	215	988499	1 - 577	15 - 591	
HOVEF60	216	988526	1 - 1429	15 - 1443	
HOGDR72	217	988536	1 - 530	15 - 544	

					<p>AV762304, BE260454, BF129885, AV741191, BF681456, BE907272, AI884918, AI095756, F30101, BE254907, AU126691, AV714954, AI827092, AV743251, AV710585, AW732886, AI344424, AA584218, AA744890, AI300848, W16526, AI748804, AI857538, AI264687, W47377, BF792830, AA040213, AA609680, AA937134, AV745024, BF681171, AA557625, BG231394, BF239199, AI188746, AV721211, AA855009, AV715743, BF686712, AI033767, AA420847, BF965251, AV724057, AI312889, AI342092, AI392941, AA707599, AI573264, AI298244, D61196, AA707532, AI338594, D20757, F24231, BF447322, AA650234, AA758576, N29939, AA468938, W05637, AV751983, AA313977, AA683534, AA469013, BE868256, F19198, AV737070, D51524, AA420429, AA657493, AI749529, AA335917, AW008966, H10544, AI131360, AI037998, BF240779, AI751883, AA313970, AI051789, AI159957, W47378, AA523187, AW026532, BE887794, AI857469, AA657513, F24557, AA146866, AI720892, F36863, F28793, W32886, AA146867, AW007089, BE672619, D81191, AA968838, BF337165, D51520, AA889941, BF954574, BF209878, AA632059, AA576811, AI300706, T79725, AV739817, T68141, BE812441, R73094, AA339720, F19462, BE073352, AA724959, AA961393, AI336135, AI138721, F27913, T30336, AI204128, F31843, T32200, AA568145, T36073, N74191, BF210913, T67995, T92099, T71446, BG254284, F34123, AI749424, D56154, BF954482, AW884243, AW939886, AA083105, D81173, AA313992, W35155, BF239376, AA471133, AW631265, BF572665, T31892, BF131513, D81247, W04355, BF572508, AW327625, D81378, D52437, AA082542, D52443, D59501, AW793583, AA083106, T24841, C03173, BE972561, W05779, R29137, H89590, D53867, BF799254, T35945, D52190, AV737705, AI936104, N92532, AA630017, AA040193, AA922437, AA382273, AI161393, F22684, AV741683, AA996319, T36223, F29277, AV719994, AA721470, AA622177, AA040194, BE073240, W38814, AA382638, BF840821, T77354, H24146, BE907742, BE073229, BF588473, AI191983, BE905959, BF431001, AA633270, BF572727, AA860915, AL046356, AL041862, AL079977, AX017269, AR022287, AL138958, L42855, AR022284, AC004493, and AC005570.</p>
HOCMF20	218	988556	1 - 1296	15 - 1310	<p>BE514634, BG256857, BE870314, BE537227, BG107758, AU157540, BE379227, BG180584, AA039903, AW957081, BF666246, AA041527, BF223913, AI088688, AI452952, BE463637, AI768938, AI354883, AI569996, AI168582, BE746240, AI189869, BF930629, AU138248, BG167829, AA214649, BF897138, AW613854, AI086670, R70656, AW262560, AA906264, BG176733, AA862839, BF992831, BE613477, BE614226, BF772857, BE741553, AA369318, AA398795, AA334622, AW749053, BF979310, BE541549, AI990089, R01145, AA367593, AI990659, AA379173, AL449915, AI886597, AI024032, AA435840, AA670197, AA847919, BF195634, AA248230, BE707671, N81095, BF196800, AI476295, AW818630, BE677063, AW630122, AW582595, BE072906, BF899151, AW818433, BF928637, AA211075, AW582587, BF877092, R05760, AW858854, BE964371, BF773525, BE937222, AA079305, BF799977, BF982105, BF988362, BE927423, Y10043, AF003626, AX012194, AX011713,</p>

						AF022465, AL357512, Z83826, Z93931, AC016617, AC002526, Y10044, AL353728, AL137124, AC005519, AC005479, AL136094, AL034450, AC002375, AL049709, AL035420, AF047701, L05085, AC004493, AK025903, AK025579, AB016091, AB002322, AF201422, AB016092, Y17793, AX030435, and W07456.
HAMHH26	219	988737	1 - 915	15 - 929		AU128934, AW295223, BE464400, AA991499, BE896488, AA350115, AA862497, AW803075, BF307480, BE771630, AI565361, BF305159, BG035692, AU143667, BE888160, BF308892, BG167064, BF316003, BG105910, AL533676, AA689522, AL527443, BF310865, BE561846, BE902727, BE250595, BE562560, AI970905, AB014077, AC004209, AP000513, U63336, and Z63167.
HHFOX44	220	988904	1 - 951	15 - 965		AL526701, AL522456, AL532453, AL527039, AL523903, AL526253, AL528026, AL527184, BE313151, BF981949, BE382548, AL528052, BE382760, AL530393, BE563051, BF316765, AL525360, BE295221, BE395130, BF343372, AL522455, AW161570, AI752220, AL528025, AL523902, AI752281, AL532452, BF316189, AA780343, BE314081, AI751714, BE710678, BE312148, AL525320, AA838048, BF526000, BE262585, AA308676, BE735562, BE295717, BF340685, BE714898, BF206587, BF207314, BF875508, AL527163, BE383255, AA532924, BF312104, AW160787, BF342085, BF206655, BF338128, AL524678, AA443563, T61701, AI750244, AW605824, BE792522, BG026032, AA327814, AI815410, AA042827, AI460348, AI365667, RI9505, A09809, XI6302, M35410, S37712, M69237, AF074854, S44612, AF120326, U21117, AC007563, M69239, S37722, and U21118.
HPWDE54	221	989029	1 - 4052	15 - 4066		AW857689, AW276231, BE551292, BF308481, BE299013, AA490201, BE670363, BF669630, AW005386, AV716271, W58532, N34876, H49263, AI989884, BF380965, BF351245, AW604667, T65325, AA316606, AI632927, AA284855, AW175932, AA456691, AA479509, AA284772, BF882124, BF754718, AI332652, AA479512, AI344533, H20606, BE502863, BF527371, AI025009, AI914188, F11769, AA449658, BF093603, AA992445, H14740, H69342, BF329858, H78105, AA065099, BE220691, AW003734, R91727, BG015459, AW468776, AI239843, BF333777, AA411443, AL135088, AA235153, AI651557, BE048365, F35147, BE311701, BF803133, AA479511, AW080475, AA689564, AI093007, BF329815, AI367837, Z41915, AW051387, W24995, AI613126, AW975318, AW383213, H82282, H24463, BF761251, BF834044, N55797, BF761000, N39880, AA284683, AI582820, AW444888, BE326218, AW002105, BE768127, AI350138, AI681729, H60265, BE940320, BE326820, AA284567, AA815230, AA476964, BF911584, BF909991, AW183890, AI241032, W46875, AA084319, AI633647, H94957, AI262918, AI022584, AW005596, N43950, H82389, AI683444, AJ252060, and M85156.
HNOAX46	222	989183	1 - 2741	15 - 2755		AU119537, AU134978, AI064858, AI064875, AW007726, AV703643, AU127757, AI694749, AI819136, AI887756, AI869305, BE885171, AA600798, AI887625, AI628095, BF061377, BE348369, AA723035, BF525409, AU148211, AI203615, AU145850, BE178344, AW169246, AI523583, AI922660, AI589554, BE720104, AV722120, AI805580, AU148112, BG250310,

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HCQCB28	223	989280	1 - 1134	15 - 1148	AL520689, BE735404, BG112775, AI857685, BG167421, W19090, AI127950, AI093116, AI937245, AI498052, AA837396, AA931150, AA894527, AI077433, AA814942, AA729327, AA910659, AW405693, AA836412, AA564324, AI623269, AA846844, R16770, AA932274, AW854929, BF667815, BE208685, AI470094, T89616, BF754529, AI208399, N79612, AV756491, AW328331, AI625604, AI635440, AW370878, AI698941, AI282253, AW069227, AW969824, AW819125, BF725844, BF804385, AI687343, AI609972, AW968338, AL046746,

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HOOJB32	224	989321	1 - 2335	15 - 2349	AC005072, AC009086, AC022596, AL021707, AC005736, AC008055, AL035071, AC006960, AL133454, AC006515, AC010789, AC021016, AL022147, AC006480, AL117339, AC005236, AC018712, AL033520, AL022165, AC003663, and AL021395. AL151532, AA829751, BE748918, AW007550, AL515533, AU119923, AL518484, BF697251, AW978734, AA812215, AL333647, AA776760, AA479310, AA976233, AA765519, AA602624, AW978969, BF214666, AW893942, AW993668, BF726646, BF036225, AI619447, AW272900, AA143053, BF589461, AI832440, AA825905, AW271599, AW439208, BF981088, AA868695, AA632054, BE895236, AW607674, AA143252, W60553, N27545, AA255434, AW272364, AI886366, AA027768, AA766708, AI079161, AI963170, AI079664, BF132493, AI274767, AA938443, Z25256, AI803757, AA757112, N40361, AV699373, AW607572, T50699, AW607642, F00462, BE165952, BF130297, AA876224, BE560621, BE748396, AA294831, BF900791, AI698984, AA255596, AW572264, AA805436, AA357727, T77071, BE896446, BF921133, AW964250, AA479413, BE542265, BF241063, BF576917, R80504, AI886367, AB007619, AF006265, AF076524, AL133353, L29555, AF059321, and AI168650.
HMWJI35	225	989323	1 - 595	15 - 609	BF130431, AU148003, BF541521, BF668426, BE960616, AW955644, BF242464, BF242953, BF700182, AW592565, AL536954, BE737954, N39380, BF698754, BF214449, BF667459, BE565781, BF028162, AA640397, BE748478, BF238497, BF664849, W00920, BF665032, BF570721, AW976277, BF027869, BF664855, AA379071, AA329515, D80838, AL536953, BF695984, AA936496, AL109925, AK022419, AF254117, AF264787, AL137060, Y15228, Y15381, and Z57881.
HHFIA95	226	989396	1 - 3136	15 - 3150	AU118053, AI761722, AU133368, BE220681, BE904300, AA903124, BE218571, BE875326, BF110216, BG254952, BE393532, AL134516, BG105299, BG177247, BE885702, BE154897, BF037984, AI831473, BF574765, BF576023, BG260292, BE439745, AA604081, AA603455, AW629057, AI817117, AI694366, W80392, AI935246, AU144710, AA887227, BE154865, BG104770, AI076013, AA211611, AW168295, BF672060, BE154866, BF036585, BE154898, BF355599, BF671956, BF031143, AW769409, AW263745, AW977292, AA211683, BE075303, AU154716, BF215526, BF800037, AW086067, BE871344, AI281897, AI827407, AI244255, AI660036, BE789605, AI559254, AA044091, BF983298, AI122753, AA917034, AI637588, AI808102, R60765, W78970, N22921, AA393852, AI040177, BF229422, W56449, Z33451, AW771892, AI190898, AA547998, AW242400, AI188686, AI242430, AA604102, AA044281, AA765282, AV722457, AI338330, AA159042, BE880891, BF574179, AI338329, BF103937, BF219369, HI8545, AI973242, BF105139, AA393851, BE891180, AA995784, R60253, AA569460, AA936280, F06764, AA993733, AA031985, AA541308, R67234, BF229418, BF802756, Z39821, AA173320, AW136432, N63356, AW316605, H51502, AA173319, AU124276, H02648, BF672600, Z26973, R81685, AI244925, AI016876, H18437, BF686307, AW265135, T54070, AI541355, AA565781, AW023057, R74303, AA856745,



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HSPSH36	227	989607	1 - 3341	15 - 3355	<p>AI084794, AI079577, BE881652, BF339888, AU129623, AI860227, BF527871, BE902813, AW247256, AW149506, AI340349, AW165995, BE258548, BG120667, BE562875, BE671167, N49941, BG122408, AI937382, BE220476, AA114972, BE467738, BE872452, AI798846, AW043850, BG104282, AI660526, AW504750, AA053861, AA432275, AA034091, BF798185, AI310064, AI677900, AI587077, AA543064, BE045523, AW898148, AI693972, AI356444, AA845685, AI084913, AI140117, AW593208, BF111021, AI273445, AA431268, AA934875, AW248351, BF432911, BE670425, BE828110, AI221382, AI356446, AI160550, BE217783, BG112435, AI689824, BF110424, AI914318, AA953658, W73665, BE673799, AI359956, AI360429, AI804623, AW965712, AW205262, AI342370, AA620610, AA918736, AI279173, BG149447, AA041542, AI304417, AA515511, BF061408, AI565733, AI859179, BE674577, AW071018, BF061911, AI351605, AA001196, AA923717, AA706669, AI950177, AI566935, AI311478, W73617, AA007600, BF840585, BF061852, AA503205, AW014660, BF112260, NS2723, AW303274, AA352018, AA961114, BF195300, AI480209, AI278673, AI916311, H38785, AA047595, AA136472, AI052140, AI298446, AA057216, AW043575, AI128768, BF446866, W68642, AI033091, AW665976, AA889932, H95052, AA747719, T66290, AI298975, BF773249, AI375774, AI703297, AI500368, H20393, BE327032, N99560, AI090578, AI023749, AA086083, AI275622, AA757794, AI452648, AI583232, AI568624, AW470278, W68641, BF978456, AI364086, H16275, H38686, BE831779, AI459176, H83993, AW149552, AW949838, AI422271, R05556, H12369, BE676655, BF197252, AI609045, BF055295, R19188, R87458, R05663, AI268656, T66343, H21010, NS0155, R71281, H43161, R61162, R85142, AI918177, R73430, R71230, AA372029, AI268549, AI702648, H75726, R99486, BG165410, H12317, AA814517, BE645111, AI348485, R99485, AI500402, AA975326, AA976181, R31047, AI348329, AI083736, AI369621, AI568988, Z41094, H66760, AI479912, AA086084, AI970578, H22528, W35148, AA971720, F12147, AA760693, H19816, H20389, Z43042, AA016275, AA782921, R05664, BE044409, F08012, AW973038, AA927449, H94692, BF766588, AA019859, AW151197, R56553, R05452, BE762898, H20197, AW006795, AI457786, AW002114, AW247925, AI937423, AA725110, AW505065,</p>

HAAA25	228	98952	1 - 1179	15 - 1193							<p>F16642, H03295, BE908382, AA532545, AI050857, BG118564, AA325830, AA374644, AA059195, H83994, R31828, AA054196, AA054082, H20967, A1783667, AA057217, BE867862, H22529, H45049, H43097, H45084, AA365152, AA059196, AA649840, R87459, AA862269, AI358452, AA936451, I23531, M94654, I23530, X60787, U58196, U58198, U58197, AR040823, AB052191, I48978, AK025435, AL133113, AL137284, X78627, AK027173, AF232009, AL137550, AL080139, AR050959, AF082526, E12747, AK026633, AL117587, AF271786, AF116682, I48979, AL137479, I89947, AL133637, I68732, AK026480, AL122110, AF116631, A77033, A77035, AF039138, AF039137, AF130110, AF192401, AF192402, AL133061, AK027101, AK024992, AK026541, AK025798, AF267849, AR011880, AK024978, AF124728, AL389935, AK026857, AR022283, AF260436, AR013797, X60769, AF116688, AB044547, A65341, AK026642, AL359583, AL122100, A21625, AX019230, AK027121, AF080068, AF031147, AX040974, AL110228, AL161964, D16301, U38419, AF087943, U62807, U49908, AX015915, AL162002, AF100931, AL133084, AF113694, AF145233, X83544, AJ299431, AF054988, M85164, AL137256, AK026434, AR034821, I04504, AK000083, AF130082, Y16645, E03671, I33392, AF183393, AK025015, AB024524, AL137533, U75304, AL096728, AL110223, A15345, AK027111, AL049339, AF111849, AL117460, AF106657, AK027129, AK027164, A08907, AK027102, AF090943, AL122116, AL122106, AK027217, AK000414, AF177401, AL080147, AL157433, AK026630, AF141289, AK025084, AB047878, AX020124, AL117457, AB047627, Y10936, A65340, AF130055, AF124435, AL133623, AK026556, AL136884, A57389, AL137554, X06146, AL137529, AF030513, AL157482, Y07915, AR038854, AK000502, AF013214, AF130056, AK025414, AF069506, AL137258, AF254119, AF090900, E01963, I32738, AC012502, AL137555, AL357195, AL050172, Z82022, A49139, AL050116, AF208850, E01614, E13364, Z30970, Z35309, AF113677, Z97214, AL049324, AF090934, AK026504, AK026597, AL122050, AF130100, AL110296, AL442083, AB040710, AF047443, AL096744, I25049, I25048, AL353956, AL080148, AF267991, AF314091, AL137657, AK024538, AK026894, AF119899, E05822, I33391, AF113699, A76335, AR029490, A08913, AK026844, AF017790, AX014101, AK025312, AK025658, AF262032, AL389947, AF119843, AF155656, S83440, AF265236, X68560, A08910, AL137480, AL080163, AL137716, A08909, X63410, AL049283, AL355719, AK027260, AL442082, AL133112, AF175983, AF111112, AF119883, S83456, AF113019, AR068753, A08908, A86558, X66871, AF119908, AF143723, AL080110, AB052200, AF115410, AF061981, X93328, A12297, AC007172, AL110218, AL110199, I00734, AL137537, AF026816, AL080124, X97332, AF000167, T53454, R11440, R61875, H03294, H08625, H19815, H20201, H75375, H95897, H96280, N71552, W20181, AA001135, AA017682, AA039919, AA525887, AA903401, AA906704, AI089860, AA471142, AI093624, F02518, F09784, AI363880, AI445507, AI242341, and AI873173.</p>
											<p>AI680985, BG168038, AW945162, AW950652, AA554513, BE880730, BG170870, BE223010,</p>

HTMJ16	229	990060	1 - 784	15 - 798	<p>AA877139, AA807892, AA514409, BE674773, AI250782, BE546729, AI214214, BF541519, BE302087, AA625531, AA593396, AI224033, AI016409, AI538453, AI281360, AI274110, AI249030, AI539329, N22772, AA722760, AI093842, AA550843, AI140319, AW674698, AI828736, AA972406, AI688907, AI337957, AI339781, AI278350, W87861, AA975567, AA857219, AW167933, W87741, AI538452, AW862480, AI474024, AI278811, AA464600, BF913633, AA527483, AA477850, N31654, AV653447, AW610369, AA857170, H58025, AW610357, AA235530, AI051600, AW384171, H24033, AV653129, AW384172, R45453, AW023520, AW384760, AA737307, AI989439, BE697073, AA923634, AW129709, T29737, AA477744, AA568370, AA641366, AA344094, AA298522, BE887376, R11264, BE891714, BG256267, R43413, BG259256, AI286350, F02958, BF806630, AA908416, AA703369, AW021464, R48004, AA304930, AV711648, R11207, BE814225, H57934, AW751711, AW747912, AW998901, BF795814, R43857, BE140421, AW949294, D19854, BF911096, BE928366, BE928405, AA410662, AI003385, BE928395, BE928396, AR009803, X00364, K00535, D10493, M38057, L00058, X54629, K01906, X00198, K02276, V00568, M88116, M88115, M22728, X00247, X97040, X13232, Y00396, Z68501, K01904, E01841, L00039, X01023, X00197, AF160483, M15078, AF160487, X95367, AF160489, AF160485, AF160491, M25762, U37688, AX018968, AX000474, AX000476, AX018972, A76272, M19724, X66258, U62109, X53248, AF076523, M13930, I24429, and I24433.</p> <p>BF309104, BE559524, BE281458, BE385728, BE786863, AV756337, AA779378, AA806308, BF027226, AI955259, BG115810, BE257947, AI479643, AI201081, AA449114, AI523836, AW105647, AI371725, BF971945, BF037117, AI332998, BE791557, BE796212, AI832556, AI360813, AA812681, AI338226, AV733716, AA133351, BE795339, AI160821, AA417906, AA719870, BE744787, AI911189, AA652508, AA074869, AA677398, AA196804, BF685157, AA713507, AI028708, AA583945, AI949595, BE730232, AI804084, AV701912, AI272799, AI076158, BF684668, BE512992, BF037939, AA758900, BF686755, AI084956, BF667373, AI738876, AA593880, AA478598, AI081646, AA513306, BE793024, AA419554, AI192864, AI189240, W42538, AI401016, BF032897, BF207166, BF694324, AI242445, BF975403, AI094068, BF733159, BE878000, AA620875, AI188600, AA657626, AI274502, BF680048, AI187079, AA962082, BG176811, BF308448, AA463687, AA196803, AV744973, AI284416, AI224529, AA468047, F19538, AV709297, AA308585, BF244980, AI804825, AI871846, AA234166, AA234913, AA987467, AI127473, AI147167, AA187442, AA721050, AA233918, AI476030, AA234914, AA482379, BE698022, BE717214, AW795107, BE163110, AA463761, AA471119, AW873836, AA468083, AA872664, AA091369, AW844269, BE698050, AW844282, AI253673, AI220722, AA312835, AA969703, AA906776, AA229993, AA469001, AA468096, W31092, AA357299, AA318396, AJ003540, AW964407, AI687745, AA468927, AA720885, BF374556, AA628636, N44134, AA479333, AI186421, AA449548, BF955675, AA385197, AV742900, AW794203, BF797432, AA833536, BE833240, AA887208,</p>
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HWLAB90	230	990146	1 - 2999	15 - 3013	AA318716, AA187616, AI243176, AI371742, AA383017, BF819540, Z20217, AW602656, AW504060, AC006064, AF151075, D63880, AF002085, AP001631, AP001748, and A74500. AV714144, BG032179, AW970180, AW968919, BG166257, AA488919, AW193898, AI809235, AA975791, W91952, AI761005, AI670010, AI339783, AI033067, BF034415, AW130078, BG002378, AI859374, BE898684, AA873447, R56753, W67396, AA514367, AA468526, AW613857, AI272684, AW303839, W67251, AA614766, R97330, AI304566, AA574117, H56576, H10098, AA488848, H10045, BF367097, C00414, AI300710, AI767837, AA918651, AW080712, AI015068, R97302, AI219130, AA977641, H81286, AA721681, AW630124, AI244872, R56905, H81342, W91879, AA009655, AI358594, AI991374, BF987177, H56577, AA886283, BF056410, R25858, BE091015, AF067817, AF118887, AF118886, AF067816, AF140280, and AF035442.
HOSED43	231	990184	1 - 796	15 - 810	BE293450, AI416985, BG259922, BE250091, BE409947, AW976132, AA127077, BG036566, AW006165, BG255815, BE267475, AW403861, AW408474, R47317, BF878882, AA074323, AW842660, BF825561, BF879325, AA806524, AI037897, BF932189, AU156313, BE788042, AW752809, AW752712, AI753037, AA602557, AU156024, AA127078, BE245636, AK001851, AK023509, AL137818, AL356108, AL023755, and AK022251.
HNODF50	232	990254	1 - 1305	15 - 1319	AL517211, AL518669, AL518668, AL522147, AL521219, AL525965, AL521218, AL517210, AL526016, AL529841, BF310468, BE260926, BF528453, BF792486, BF968614, BE727867, BF969532, BE741455, BF968373, BG254612, BF206651, BE780582, BF315676, BE314740, BE778351, BF337363, AI052120, AU127936, BF967743, BG256216, BE794943, BE543980, BF037565, BE906194, BE778878, BF980637, BE618222, BE385237, BE907648, AI564007, BE250963, BE786495, BG036398, BE251987, AI539865, BE786563, BE264208, BE538552, BF239260, BE878498, BG118091, AW674383, BF313845, AW948987, BF669238, BF528446, BF125038, AW054769, BE262248, BE545571, AI921598, AA492511, AA587938, AI857898, AA633515, BF027253, BE697365, BF925551, AW341500, BF954735, BF977183, AI745475, BF954757, BE260934, AA769361, AA599303, AW956994, AI286245, AI274299, AW666003, AW958317, BE252135, AI252682, BE877011, AI382161, AI076260, BE618764, AI127273, AW190900, AA514755, AU150315, AW939258, AI906279, W73289, AA503533, BE777951, BF093632, BE163339, AW236251, BE266670, AW872807, AA653758, AA612989, AI440380, AI469422, AI271745, BF945505, AI873681, BF675437, BE967460, AA572935, AI910865, W73234, AW241946, AA804790, AI356494, AW674551, BG023980, AI208194, BE745501, BF528373, AI690448, BF724593, AW103110, BF994022, BF993923, BF991645, BF993922, BE972246, BF994018, AA806069, AA834818, AA305461, N30688, BF312335, AI289450, AW794720, AW794703, AA305936, BF993929, AA311372, BF677595, AA305330, F37016, BF993927, AW878217, AA654459, BF991629, AI215967, AA772577, H45301, BF803635, AW086134, BF994329, BF994316, H45074, R48780, H18284, BF994322, R78818, AA040670, W31677, AA708219, AA148170, AW340499, AW183355, BF993333, AW082264, BF993925,

HLWBV17	233	990255	1 - 684	15 - 698	<p>BF991324, R4885, AA854391, BE743249, BF572574, BF993909, F22269, H11318, BE816818, AI919387, BE929439, AA293184, BF993998, AW601441, AA551484, AI215973, AA040571, BE074790, AI684072, F25626, AA225507, BF229895, H45378, C00180, BF994312, W32101, U46271, C03223, AI918341, AA356495, T99316, AA371678, AI342719, AA300944, BF344854, BF446856, AA364820, AI871791, BF993916, BE769414, BF331401, H45041, AI206745, BF856284, BF993912, BF332671, AW268821, BE185060, BF856295, AW082610, BE766240, AW939875, N41296, AA143767, R73522, AA330825, BF572595, AW407942, AA293185, AW198148, AW885160, BE155766, BF737069, AW381772, AA810809, BE173861, BF570667, BF755706, AW582513, BE828404, AW843210, AA458493, BE155779, AA904696, BF743412, AW748144, AI139866, AI633937, BF572945, AF222742, AR048276, AK001416, AF038958, S45663, AC010527, AF038959, AC009004, AX041002, AX040958, AX040974, AL133655, E13998, U30290, AL133053, AL133076, AL133084, AL133070, AL049423, AL133051, AL133049, AL122101, AL133607, AL133015, AL133608, AL136975, A90832, AR055519, AF002985, AR015970, AR034821, AX015526, AX030435, AF184110, AL122049, AC024067, AL110171, AB047966, AF126531, Z69719, AC004213, and AA494290.</p> <p>AI539865, AI469422, BG036398, AW958317, AI076260, AA492511, AI382161, AI921598, AA769361, BG118091, AI564007, AI052120, BE385237, BE777951, AI286245, AI252682, AI274299, AW054769, AW341500, BE545571, AI127273, AI857898, AI745475, AI440380, AA514755, AI690448, AI356494, AI271745, BE538552, AA599303, AW666003, AA612989, AI873681, AW872807, AA572935, AA653758, AA503533, AA633515, AI910865, AA587938, W73234, AW241946, AL518668, AW674551, AW190900, N30688, AI208194, AA804790, AU150315, BE907648, BF125038, AW236251, AA834818, AW103110, AI289450, BG256216, BF967743, AI215967, AA806069, AA148170, AA772577, AL525965, AA708219, R48780, AW086134, H45074, H45301, W31677, AA311372, H18284, AA654459, AW183355, AL521218, BE618764, F22269, R4885, BE743249, AA854391, AA040571, AI919387, F37016, H11318, AW948987, AL517210, AI215973, BE074790, AI684072, AA293184, C00180, H45378, AI918341, BF856284, AI871791, BF337363, AI342719, BF331401, BE769414, BF446856, H45041, AI206745, F25626, C03223, AW082610, AL518669, AW198148, AA143767, R73522, AA330825, BF856295, AA293185, AA810809, BE155766, BF570667, AW381772, AW582513, BE155779, AA458493, AL517211, AA551484, BE878498, AA904696, AL521219, AL529841, AI139866, AI633937, AA862050, AL526016, AA552564, U46271, BG150895, AA329184, W73289, AI809413, BF239260, AA664948, BF968373, BF746013, BE876454, AL522147, BE260926, N27632, AA225507, BE727867, BE251987, AW878217, BF968614, BE185060, AW340499, AW082264, AC010527, AF222742, AF038959, AF038958, AR048276, AK001416, and S45663.</p> <p>AW385298, AW834944, AI801294, AL048012, AW385250, AL048318, AI147487,</p>
HOCQH66	234	990435	1 - 3554	15 - 3568	

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HOGDC67	235	990546	1 - 1875	15 - 1889	AL522719, AL530045, AL526479, AL515639, AL526439, AL515638, AL529665, AL521252, AL527656, BE797221, BE795409, BE798654, BE796334, BG252121, BE277057, AI608756, BE300022, BE513242, AU142632, AU117922, BF527825, BE561443, AU142525, AU122446, BE263145, AW301066, BE260541, BE798136, BE560713, BF527824, BE267445, AL522718, AL527657, AU124297, BF308205, BE877379, BF308460, AU132733, BE255304, BE265023,

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HCDBO02	236	990609	1 - 4074	15 - 4088	<p>AU118049, BF027266, BE897159, BF975497, AI690844, BE619812, AU116976, AI683350, AU123898, AI638817, AI299947, AW851296, BE619491, AW080261, AW003342, BG261217, BE550518, BF435624, BE540593, AW604148, AW604144, AU133706, AA923370, AW604156, AW604159, AI963937, BE903781, AW994444, AI355003, BG251375, BF795838, BE142887, BE898687, BG031003, AW503445, AW769245, BE391639, BG250064, AW593387, BE387364, BE735143, AW390271, BE538744, BE885670, BE885477, BG179338, BE548753, AW117969, AW513655, AI827494, BE281406, BG257886, AW589828, BE537306, AW264359, AU149292, AW604151, BF342540, BF591073, BE901079, AI570870, AA812088, BE166616, AU148669, AI372056, AI339216, AW367000, AI188999, BE148064, AA948067,</p>



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HODGN92	237	990611	1 - 492	15 - 506	AI114709, and BF515175.
HPDRP30	238	990751	1 - 2150	15 - 2164	BE736233, BE393462, BF979620, BG180451, BG031119, BE895899, AW015154, AI367256, BG250616, AW246035, BF589766, AA723883, AI339548, AI148428, AW518892, AI874244, AI339560, AW003788, AI653700, AA777268, AI261244, BE906120, AA847296, AW007179, BE293221, AW173770, AI346957, AI475948, AI143349, T65504, AI814098, R52652, AI339729, H39618, BE545311, F13535, BF980260, AV652617, and AL122073.
HBXFN09	239	990769	1 - 234	15 - 248	AA034059, BG169883, and AW998693.
HDTBO75	240	990913	1 - 455	15 - 469	AV752559, BE041424, AI374803, AV662297, W92499, AA431153, AW977181, BF439568, AA678183, AW834968, AW834907, AW837310, AA885002, BG028110, AA732329, AA732727, BF242398, AA432173, AW176741, AW580372, N55761, BF982207, AW241399, BF224093, AW970314, BF507800, AW970227, AA628895, AA766833, AA534395, N32238, AA347608, AW189247, R49979, N31980, AI650721, AI685214, AW511372, BG257682, BE549817, BG252929, BG167830, BG029667, BG113493, BF795712, AL039390, BF796402, BG261260, BG113712, BG163646, AL046681, BG178532, BG180295, BF968504, BG167093, BG114865, BF345716, BG111831, BF971261, BF965904, BG179386, BG111590, BG036465, BF968622, BG251851, BG165260, BG176936, BG104735, BG108452, BG035330, BF794212,

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HELGN26	241	991014	1 - 1609	15 - 1623	BF970582, BF971269, BG035858, BG170653, AA527442, BF032717, BG255093, BF684481, BE304332, BF312957, BE740090, AI651618, AI700966, BE16023, BF439777, BE218172, BG259712, BF223565, AW328638, AW081016, BE312971, BE218745, BE880967, AW965885, AV688930, BF110536, BF223349, BE616836, AI659341, AI492019, BF037137, BG011544, AI801971, AA653440, AI763063, AI362810, AI830364, AA602677, AI799940, AI590301, AA155644, AA132754, AI693639, AI538876, AA935812, AI913180, BE262105, BE220203, AW872403, BF431624, AI478310, BE502628, AI963163, AI049932, AI867018, AI445763, AW328637, AW237634, AI686646, AI093564, BF309857, AI355982, AV692290, AW004960, AW628274, BE676445, AW168151, AI720994, BE501936, BE677346, AI624773, AI038791, AI673720, AA777083, AI241965, AI083640, AW513233, R50466, BF962310, AI990564, AA121215, H30620, AA101514, W67379, AA778130, AW139256, AW514997, BE897897, AI540831, AI824615, R39429, AI291349, AW193446, AA114190, AI241095, AW193788, AW589519, AA132803, AI687589, AA358948, H28151, W31255, AA912622, AW591011, AI538118, AW075509, AW614272, BE349060, AA456143, AA780923, H46616, BF529857, W67264, AW235829, AI686256, AA308514, AI538723, AA706294, N91821, R38344, AI811489, BE833082, AW663952, AI862679, BF856265, AI478217, AW338623, T24735, BF981529, BE242914, BF970481, BE272808, AW953574, AV709660, AV709314, AV727029, AW951768, AV728518, AV696931, AV706417, AV656256, AV703169, AW954237, AV692691, AV708893, AV709390, AV728642, AV686064, AV660728, AV691080, AV661704, AV655280, AV659322, AV708381, AV727935, AV699089, AV706721, AV687035, AV655096, AV707753, AV708025, AV704269, AV726103, AV705280, AV698545, AV729220, AV726816, AV695545, AV701707, AV656283, AV701914, AV705159, AW945168, AV658863, AW955012, AV727787, AV654908, AV652001, AV651955, AV696866, AV725920, AV704234, AV702516, AV709407,

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HODCU15	242	991048	1 - 3173	15 - 3187	BE782829, BE166336, BE893914, BF963846, AI637581, AI635627, BF956699, AW615337, BE892490, AW081066, AA398002, BF246643, BF959925, BF943255, BF352768, AV714386, AA399078, and AC046129.
HOGDI51	243	991268	1 - 962	15 - 976	BE745148, BF314775, BF313468, AW972065, AW160403, AA190647, AI468027, AA732363, AI568476, AI815528, AW015158, BE315222, AW958765, AA725374, BF446080, AA668784, BF313148, AA058590, BE741366, BE261839, AA021327, H92735, AA627547, H96373, H85956, BE843878, BF058863, AA973647, AA018467, AI240617, AA383496, AW439263, AI925892, AW162022, BE694410, AI739208, BE694382, AI336026, AL044942, and AF007872.
HLWAF02	244	991516	1 - 569	15 - 583	AA421538, AL525449, AU153711, AW964455, AW964457, AU148695, AU149818, AU147714, W72446, AI004165, AU159170, AU151493, W31068, AW874565, AA295338, AW269624, AA577265, BF764205, AW732171, AV702593, AI863050, AW003851, AI190446, BF843436, AA417216, AA483528, W74385, AW748748, AA318970, BE795181, AA872030, W76345, H26877, AW384040, AW517019, AW884747, AI469697, AI370275, BF892944, AI017646, AV690726, AL036104, H99624, AV689538, AV698770, AV691815, AI421770, BF591512, R94006, BE782006, AV689959, BE169392, AV689985, AV689953, AF004539, Z41369, F09802, AK023231, AK001371, AK026645, AB040885, and AK023160.
HRKPA16	245	991654	1 - 625	15 - 639	BG259737, AW194396, AA143418, AA404619, AI608754, AU154417, AI374988, N63618, AU149063, AU152646, AW966669, AU152215, AI038547, AA443610, AI690852, AA427421, AW339887, W60354, W59988, AW118447, AA349493, AI445343, AA461548, AW993204, AL121201, AA946641, H59011, AI014721, R98999, AW103224, AU157188, AI357842, AA927255, AA843235, BE467545, T64658, AA887129, AA354545, AI811399, AW072161, H21841, AA805567, H88125, H49591, AI279415, BF912456, AI621314, AW593607, AU148527, AU157952, AA665881, AW468541, BF947706, BF084343, T24715, AW406139, H88124, BE174405, AA640305, AW021674, BF914416, AI754257, AA493464, AI572680, AA610644, AW051097, BF747303, BE328286, AA177130, AV651424, AA493245,

AA633804, BF947959, AA100107, AA676462, BF084979, AA846944, BF679568, AA579417, AW875184, BG059139, BF932382, AA730530, AW962268, AV683406, AI308529, H37968, AA425283, AW847028, AA338474, AA834891, AW975434, AW501278, AI567676, AW793601, T57562, BF541501, BE974200, AA493808, AA657808, AI344906, AI318548, BF736912, AI570067, AA179364, BE244722, BE063646, AA663579, AI376687, AA492496, BG152612, AW963625, BE158554, AA584360, AI702049, AV717475, AA847341, F04635, AA604601, AA482682, AA578711, AV753446, AW238242, AI831312, BG059924, AA935827, AV652066, AI445699, AI312267, AI242236, AI174703, AW963552, N49298, AW576221, AA772493, AW963295, BF823660, AI354377, AA639040, BE139230, AA129000, AI251460, AV740548, AA524604, AA610784, AI459794, AA313025, AW192002, AA320106, R92703, AI744199, AW069110, AA587835, AA502130, R92804, AI798573, AA493546, AI538404, AV712092, AA669225, AV763460, AI499538, AI631299, AA632355, AU146789, BG180320, AI547110, AW275585, AI121039, F01616, C15966, AW339694, D38524, Z96810, L47222, AC004019, AC007666, AC000052, AI132659, AC006166, Z96182, AC005730, AB023051, AC004650, AC010463, AI035460, AP000512, L47229, AC003090, U66062, AC003999, AJ271735, AB020873, AC002351, AC009516, AC006315, AC005393, AP001712, AC002996, AC004975, AC007746, AC005399, AC005005, AC004213, AJ251973, AC005325, AC016683, AI138756, U91326, L47227, Z73979, AC004031, AC003014, AB035195, AC005666, AI049646, AF205588, D34619, AF207550, AC011296, AP000691, AC005000, AI356299, AC008720, AC005755, AI022273, U50871, Z97183, Z69721, AC011482, AI121967, L47225, AC007272, AC008521, AI139286, AC000388, AI157760, AC011444, AK000385, AC004953, Z69366, AI031427, AP000692, AI163301, AI138836, AC018751, AC004825, AI109798, AC008812, AI353807, AI079341, AC005911, AI122015, AC004686, L81692, AJ246003, AC007632, AC008738, AI139182, AI133163, U15422, AB046832, AI035690, AC002544, AC003665, AI132866, AC002357, AC002465, AC011811, AI136441, AP000280, AC004821, AI356747, AP001725, AC011480, AC010605, AP000694, L47224, AI096814, AI117374, Z81450, AC005071, AC004652, AP000107, AP000039, Z69375, AC005899, AC005202, AP001741, AI133342, AB032485, AI035587, Z95116, AI365505, AC005856, AC005052, AC005280, AI139343, AI022336, AC011462, AI050349, AC005837, AK024314, AI121886, AI138743, AC024082, AI031311, AF196779, AI031296, AI157789, AI022726, AI050328, AC009362, AP000553, AC004254, AI109758, AI138823, AC007510, AB039887, AC010524, AP000361, AC005228, AI008634, AC004893, AC005253, AI360157, AC006468, AC006942, AC006162, AI031666, AC005529, AI033529, Z97985, Z93023, AC006261, AI008716, AC005375, AC003098, AC004882, AC009228, AC005618, U78027, AI031657, AP001715, AI357992, AF045555, AC005519, AC018719, AI138832, AC008403, AI138733, AC006079, AI009181, AF111169, AC008739, AP001629, AC003046, AI035422, AC005410, AC018633, AC004386, AC020552, U07563, AI008734, AI096840,

HPDQX94	246	991761	1 - 776	15 - 790	<p>AL008629, AC007160, AL133458, L47226, AC020728, AF038458, AL391297, AB000931, AC009756, AC005031, AC006146, AL031286, AC004969, AL445263, AC011450, AC006222, AL157952, AL122001, AC011491, AC005808, AC004671, AC002364, AC002310, AC005081, Z93017, AC004223, AC002477, Z98044, AC004089, AL033522, AC008760, AL049764, AL136300, AL096800, AJ229041, AL121883, AP001760, AL031281, AC006013, AC011497, AL049712, U80017, AC023430, AC008264, AD000092, AC008806, AF111167, AC002060, AC007051, AC016995, AL135978, AC005020, AL021940, AL333748, AL359554, AL033524, and NS3577.</p> <p>AU133068, BG109770, BE791999, BE260010, BE909913, AW195742, AV707197, BE312976, AV703890, AI088522, AW188226, BE393159, AA122237, AV751642, AA443448, W73858, AI741099, BE857070, AA724376, BE887952, AI421427, AA932230, BE073185, AI357586, BE512839, AI016288, AA115940, BF315243, N41317, AI423297, BF196664, AA843244, AI188255, AA770683, AU154475, AA913450, W73826, AI138932, N90753, AI913753, AI038148, AI127837, AI088260, AA781597, AI144232, AI363463, AA854712, AA825530, AA443313, BF239385, AI095110, W20418, W58687, W69502, AI028327, W73528, AI803249, H59104, AA933860, AA970638, BF680721, AV748822, AI128705, AA452952, W58686, AA582641, AI033287, AW263159, AV702086, H77347, AA286910, BG110576, AI301156, AV739424, AW993977, AA977957, AA825142, AW958007, AV744630, H49907, AI424203, H59143, H99044, AA971511, AA863091, AA296811, H77348, N92641, AI127018, H92900, AA884884, N30701, F30810, AA296822, AI219594, AA888566, AA962759, W73474, BF926138, BF681033, W69503, W93965, AI698882, AV750055, AA296691, W39151, AA883845, W93999, AA612823, F16300, AA565275, BF752259, BF087615, BF899291, AI884303, U77604, and I84662.</p> <p>AU124283, BF306200, AU139037, T77235, AU121920, R14830, BF934985, AW403909, AW630865, AA359207, AI929350, BE552049, AU118152, AU133500, AL037780, AL037781, AW163588, AU119533, AL533231, AI342324, AL525586, AL534903, AL532560, BE082428, AL533180, AU137962, AL533149, BF307401, AW394232, BG114142, AU133890, AL517501, AW160514, AL536801, AI929125, AU126141, AU139293, AW368666, AU133708, R99660, AL532677, BE612412, AL513758, BE299128, AU135050, BE742584, AU129935, AI309542, BE886331, AW163176, BF346813, BF220002, BE512694, BF361085, AU134988, AW842087, AW842088, AW842086, BE541071, BF528575, AA178907, BE617099, BG178536, BF340570, BE891863, BF091880, BG109816, BE410513, AU140111, BF346953, AI201385, AA781408, BE894297, AU127156, BF316594, AU134195, BF528479, AA398237, AA403177, AA347489, BE897187, AA634306, BE873260, BG257621, BE891934, BF037637, BE796323, AL047517, BE890489, AA668405, BE544513, BF311830, BF529750, BE548934, BE314356, BF527194, AI018415, BE544804, AA192090, BF345146, BE539195, BE896937, AL037971, H79173, AA191007, AA160986, BF343228, AL036607, T96350, AI191902, AW246288, BE149595,</p>
HEAAY09	247	992678	1 - 391	15 - 405	

						<p>BF967134, BE746173, T86587, BF724976, W52305, AA159846, BF757246, AA808915, BF966188, AW163313, AA635058, AW163830, AU137163, AI879210, AU134072, BE512816, AA410907, T07973, AL533419, AW162005, BF724415, AW364192, R84319, AL036626, T09356, AL036544, AA085075, BE279666, AW162094, AI816208, AA369795, AW160383, T75456, AA204760, BE707293, BF832811, HI1161, BE708222, BF335706, BE697593, BF335701, AX015399, AR075662, D38585, U35048, AJ222700, AK027071, AL138960, X62940, AF201285, L25785, and X97299.</p>
HPDRH78	248	992780	1 - 1583	15 - 1597		<p>AL517707, AL526969, AL534602, AL517706, BE793392, BE793400, BE798802, BE274603, BE793463, BG179834, BE796319, BE730416, BE799085, BE622275, BE797197, BE895295, BF684516, BG180391, AA313808, BF128627, BE902688, BF974046, BF309165, BF035424, BE542126, BE378892, BE279546, BE389149, BE264217, BE746282, BF980789, BE792649, AA143543, BE390945, BF939857, AA247475, BE254943, BF087367, AW602074, AA143677, AA669128, AI619455, AI885489, AW674128, T66216, AV653122, AW771167, AW673887, AW952242, W17242, AA465232, AA662828, AW156961, AI423378, C14781, AA847816, AI082555, AA064998, AI699796, AI654002, AI400301, AA976430, AA847635, BF129286, AI357386, AI371760, AA838647, AA465587, AA046948, AW083621, BE149761, AI252222, AI572527, AA907174, BF858322, AW247996, AA065085, AA366802, AI927121, AA366778, AW006612, AA001409, AL534601, BE859074, F12200, BF973830, AW904428, N89759, AI648415, BF090228, AA373821, BE936261, AI752839, AA610398, AI889695, R22510, AA383297, R22509, AI445855, D81188, D81094, C14780, F01851, D81093, AW472987, BF843018, AL037280, AW818769, AI801700, BE503553, H85986, AI251103, AW273610, F09830, AA321564, Z42323, D20815, BF747217, AA027150, BF746814, R12421, H71469, AA988870, AA835430, AI264946, T66149, AW839241, H86346, AA579666, BE538136, AV660656, AX011690, AF282851, AK000474, AP001714, AP000037, AP000105, AP000275, and AL355729.</p>
HLMHG68	249	992900	1 - 1331	15 - 1345		<p>BF967276, BF967822, BE675848, AI693547, AA398062, AW044341, AW117949, AW468685, AI801370, AA890730, AA778640, AW001899, AA456064, AI434131, BF508778, BE833021, AU145029, AI033982, AI826270, BG026214, AA455567, AA652457, BF108431, AI458156, AA918511, AA515452, AA631567, AA687760, AA573416, BE045477, F22701, BE546175, AA292780, AA477424, AI699125, AW770290, AA310438, AW884291, AA640186, AA290862, BE774653, AI686681, AA479585, BE881951, AA394172, AI394051, BF361999, AA291044, AA150391, BF855032, AI816954, BF737256, AA291855, BF869437, AA291733, BG259202, AL044192, AA768725, AI366983, AI701948, BF915315, AI926593, AW102900, AI345746, AI537516, AW079768, AI632981, AI608802, AI597805, AI636788, AA830821, AI050666, BF816031, AI923279, BF817746, AI951222, BF921215, BF913569, BF914101, BE393551, BE315058, AW083804, BF913568, AW129269, AW265004, AI699154, AI702540, N74355, BF305318, BE613727, BE965355, BF913615, AW301406, AI718161, AI923272,</p>

					AA527880, AI674912, AV721917, AV732941, AW023469, BF814530, BF3339333, AI300233, BF038804, AI285417, BE245461, BF925370, AI812057, AI801032, BE963876, AI362332, AI589993, AI824357, AI918554, BE962903, BF814429, AI677797, AW026633, AV736709, AW172723, AW151451, AI244380, BE731886, AI624475, AW190482, AI689463, AI520785, BE172499, AW168700, BF816041, AI446124, BF915316, BG110060, AI915295, AI354613, AI439097, AW404239, BF750885, BE566196, BE966340, AI636187, AI635528, AL523055, AA424741, AI749373, BE538466, BF904180, AV736456, AV736039, AA853213, AV741631, AI242411, BE294431, AI300123, BE964269, AA853539, BF764534, AI658566, AI872810, AI696626, AI680418, AI305157, AI609671, AI679916, AI950973, AI249946, BE091470, AI446110, AI365256, BE964497, AW085786, AI345677, AA713511, BF814449, AW999906, AI680504, AA713851, AI886055, AI472536, AI041019, AI312210, AI452857, BF308704, AI340533, AA852918, AI340634, AI309431, BF128459, AI364220, AI476147, AI224373, AI340533, AA852918, AI340634, AI309431, BF128459, AI364220, AI476147, AI224373, BE962570, AI287764, AI340511, AW073868, BF858085, AI334895, BE964767, AI307507, AI310927, BF815196, AI691149, AV682011, AI336488, AI336565, AI340613, AW020455, AI310930, BF133429, AI312271, AI445663, AL139349, AK021645, AC025735, AF030635, AF052157, AC006338, E03348, E03349, AC002540, AC010088, AK000568, AK026533, AK026182, AI8777, AF218005, Z84467, AL137536, AR068466, AL389978, AC002432, AF067420, AF094850, AF106934, M64936, AF217988, AB047901, AB044390, AF217999, AL031295, AF141976, AK000494, AF029404, AR030544, L78810, AF027180, AL353810, AC073539, AF038191, AK026571, AK000598, AL117626, AF217994, AF053645, AL158012, AF130100, AC020904, U75370, AC024038, AL030998, Y08769, AL157360, AF110417, AK000672, U51124, AC005284, Y17327, S71381, A69673, A69681, U08374, AK000266, AR059958, S79832, AL137268, AF022363, AC026430, AL137286, AF065135, A76337, AR070212, AK025414, D83989, AL117440, AC004213, AL163152, AL158832, AK027104, AL133645, Z72491, AB041611, U96683, AC006013, D38178, AC007360, AL160412, AC010072, AL121919, AC003977, AL161804, AL035086, AC004485, AF302689, AB044560, AF197929, AK000718, AK026867, X61399, AF030165, AB050534, X75295, S70057, AF116649, AL021391, AL121828, AC010128, U69730, AL050316, AP001434, AL157694, AC006221, AL357497, AL121932, AC005353, AL033523, AC005250, and AC006336.
HODFO57	250.	992973	1 - 2135	15 - 2149	AL521538, AU125521, BF793744, BG258951, BE796240, AU129772, BG256358, AW134800, BE253092, BE539282, BF822222, BE676509, AI884675, AI356274, AU159541, AI922366, BE676139, BF154835, AA522887, AI983195, AI652380, AA614362, AW193792, AI093421, AW474923, AA236204, BE939312, BE675234, AA131740, AL045292, BF478117, AU149161, AA781085, BE674720, AW514745, AI417244, AI093127, AW379958, AI276637, AA131671, BE252897, AW590126, AW379963, AW205128, AI289900, W28544, AA775698, BF589820, AW513803, BE257415, AA559118, AW571703, AI570252, AW630205, W56287, AW150930, BF746091, AI873877, AI813283, AI873584, BE939111, AW379959, AA256931, W20295,

					<p>W01952, BF592912, BF940400, AI367701, BF813651, AW510386, AW615008, AA808752, BF350176, AI689423, AI813544, BF955736, AI638124, N23992, AW803181, AW118104, R61350, AW379950, AW664515, BE166559, H95563, R98051, R98291, AW379953, BF590870, Z44598, BF883900, AI032934, N31893, AA255440, AW135533, AI191311, AW080110, AW207573, AA765360, BF350175, BE815693, N74127, H75780, BF806805, BF900264, Z40471, BF376312, AA775773, AI784599, AI933593, AA193577, H75919, F27380, N36713, AA356015, AI191092, N90675, BE815761, H70361, T98923, T98966, C17503, BF892700, BF739337, BF847746, BF129814, AA236205, H70360, BF829897, BF903297, BF901728, BF876101, BE709109, BF890803, AW365688, BF377679, AB023221, AK024505, AK022684, and AL117517.</p>
HOCZ44	251	993380	1 - 970	15 - 984	<p>BF308448, AV733716, BF667373, BF971945, BE791557, BF207166, BF685157, BF680048, BE730232, BE744787, BE257947, BF684668, BF686755, BE795339, BF032897, BG115810, BF037117, BE796212, BE512992, BF694324, BF037939, BF244980, BE793024, BF975403, AV744973, AA196804, BF733159, AA074869, AV701912, AW964407, AA308585, AI201081, W31092, AI911189, AA187442, AI332998, AA49114, AA196803, AA677398, AA652508, AI832556, AI360813, AI479643, AI371725, AI949595, AI523836, AI338226, AA583945, AI160821, AA812681, AI955259, AI272799, BE786863, AA463761, AI133351, AW105647, AI687745, AA471119, AA417906, AV756337, AI028708, AA779378, AA806308, AA719870, AI804084, AA628636, AA713507, AI076158, AA758900, AI242445, AI738876, AA513306, AI081646, AA593880, AA478598, AI192864, AI084956, AA312835, BE163110, AI189240, AI401016, AA419554, AA229993, AV709297, AI871846, AA620875, AA468096, W42538, AI094068, AA357299, AI188600, AI274502, AV742900, AI187079, BE385728, AI243176, AI284416, AA657626, AA962082, AA479333, AA463687, BF309104, AI224529, F19538, AA468083, AA468047, BE559524, AA234166, AA234913, AI804825, AA318716, AA987467, AA318396, AW795107, AA449548, AI127473, AA234914, BE717214, AA233918, AI147167, AA721050, AA469001, BE281458, AI476030, AA482379, AA385197, W42473, AW873836, AA091369, AW844269, AA383017, AW844282, AI253673, BE698022, AA969703, AW300509, BE698050, AI220722, BF819540, N44134, AJ003540, BE833240, BF374556, AA468927, AA720885, AI186421, AA872664, AA366125, BE549139, BF027226, AW794203, AA906776, AW403920, AA833536, AA887208, AL079619, AA187616, BF104085, AI371742, BF675494, Z20217, AW602656, AC006064, AF151075, AP001631, AP001748, AP002085, and A74500.</p>
HPAMU38	252	993403	1 - 2925	15 - 2939	<p>AL524221, BF974727, BE905660, BE906649, BF972299, BF339849, BF971432, BE871633, BG258581, BG027617, BG027987, AL043542, BE262313, BE547005, AW964993, BF129017, BE894197, BE859070, BG106537, BF304618, AA812224, BE882690, BF109975, BF541992, AI075752, BE735522, BF950143, AW408171, BG058798, N32170, AA861404, BF343941, AI859140, AA630418, AI524267, AI888719, AL043543, AI571362, BF972284, BF111665,</p>



					C04114, AA156801, AA313773, AW205293, AA043115, BF247880, AI207802, BE440009, AW576379, AA043101, AA453761, AA634327, AA678699, AI245710, AW960346, AW058034, BF803592, AW591581, AI277733, AW627722, AW150327, AI017435, N40053, AI570224, AA453845, AA194841, AL040882, AA844300, AI348264, N27119, AW131048, BE890279, AA055993, BG258405, BE183478, AI609794, R16226, AW087971, AA922957, AI369044, BE695660, AI867565, AI433765, AI272082, AW675387, AA991779, AI027386, AA813826, BF886761, BE932119, AA652969, R33953, BF737650, AA812185, R40667, T52514, BE699787, BF738499, AI174386, AW299473, AW581376, AI219303, R49084, AW196136, AA335384, AW338156, BF766390, AI902816, AI678687, AA894712, BF932597, W25467, BF767809, BE082018, BF092448, AA055905, Z38486, BF932599, Z39153, BF947843, AA583684, T35720, AA342270, R14340, AA342269, R34547, AW952655, BE816198, AA835631, AI547240, T36205, Z43046, BF773412, BE695655, AA862578, W19316, AW150613, BF874182, AA779467, M85947, H24043, AA040511, AW177712, T52594, BF752655, BE907310, AA280528, BF089949, BF923836, BE076046, C03444, BE700242, BF507372, AA764909, AA902724, BF832691, AB018313, AC036103, AL117456, AK025334, Z47041, and T66685.
HNGGK47	253	993602	1 - 686	15 - 700	AA587109, AW813774, AW959611, AA149541, AI184943, AA283852, AA915990, AI754552, BE146143, BE146078, AA192458, AI276859, BF058388, AW968813, N25247, AA179831, R50526, BE906097, BE748870, AA489709, BF058508, BG001227, AA600248, AA149622, R50552, AI831786, H60862, BE748864, AA159263, AA912651, AV704542, AI360851, AI094704, AA151772, AA088441, AA130533, AI732442, AA130457, AA115727, AA132985, AA156548, AA100473, AA156552, AA133314, AA146791, AA115406, AA085900, AA506505, H30250, AA130431, AV705967, R50721, AA156558, AA593788, AA134890, AA160532, AA115791, AA056456, AI732411, AI144451, AW975853, AA837803, AI732210, AI732209, AA527289, BE145948, N43184, AA216639, AA233457, AA055823, AI535936, AI242047, BE146358, BG255562, AW817478, AA418333, AI264351, AI274932, Z99365, AA132266, AA155720, BE675378, H69025, AA483160, AA484178, AI685396, AI479610, AA152342, AA890486, BE146091, R78417, AA219599, AA223178, AI052113, AA100721, AA703512, AA213692, AA627379, R98355, AW593679, AA102795, AA227040, AW341960, H38219, T53321, W28465, AI762542, AA052890, AA242847, AA252138, AA134470, AA099427, AA129454, AA135403, AA102232, AA135390, AA689437, AA173762, AW129244, AW007800, AI017153, AA227186, AA548735, AA308744, AA223472, AA772499, AW854595, AA962219, AI636602, AI700160, H51291, AA055663, AA984688, AA100673, AA143593, AA528777, AA838754, AA434477, BE748279, AI949977, BF673870, AI280212, BG013985, AW969910, N66779, W25656, AW025824, AA424412, AI743039, AA135407, AW966820, BE741129, AI285813, AA405703, AA832265, AA157818, AA219559, BF816863, AA424458, AA936323, AA196784, AW967555, N71300, AW962131, AI820789,

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HODGN51	254	993754	1 - 648	15 - 662	AI207402, AW983839, AW983779, BE267153, AF074693, AL157598, AW813858, BE393346, BE142616, AW819892, AW819887, BE161913, BE179562, BF343443, BE062392, BE143181, BE069054, BG104743, AW820198, AL157534, AW847202, BF686579, AW811905,

AL118852, AU149172, AA128858, AI114529, AU122382, AW983740, AI920994, AW852539, AW811815, AV711736, AU121228, BF082163, AW893700, BE065237, BE155635, AW938300, AW811963, BE065599, BF839073, BE065597, BF980482, BF344952, BE728951, AL532687, AW847178, W03511, AA579202, AW862582, BE549207, AW895657, AW962193, AW811877, AW811885, AL119839, AA736433, AL079961, AV730967, AL044792, AW854552, AI086283, BF918604, BE047760, AW887035, AW937815, AA808968, BE780820, AV682071, BE408894, AW855467, BE781027, T07197, AA129985, BF876571, AW902213, AW834551, BE245825, AA018943, AW861625, AW811646, H82488, AW105462, AV722355, BF881870, AW834553, AC006399, AL034412, AC004029, AC005137, AL080239, AL022401, AC005068, AP001960, AC018468, AC004103, AL133370, AL449163, AP002027, AL139009, AL163278, AJ229041, AP001724, AC006222, AL049844, AC007282, AL163284, AL121867, AL356913, AF036876, AF003625, AL133417, AL137157, AC009241, Z95126, AC002067, Z99572, AC008912, AP001669, AC004478, AF274857, Z99289, AC004388, AL354653, X87344, AC005999, AP000127, AP000205, AC002367, AC005491, AL096827, AF241733, AC016831, AL445189, AC009949, AL132827, AC002071, AC024153, Z97198, AL049792, AC006484, AC020755, AL135926, AC010719, AL022578, AC026197, AC003091, AC004994, AL121757, AP001709, AC007313, AC004911, AC003081, AL049778, AL133247, AL109759, AL132668, AL117340, AL049176, AL391294, AC020637, AL135922, AC010235, AC005018, AC006249, U96409, AC004128, Z83848, AL360270, AL117347, AC011362, AL096829, AP002026, AC006054, AC008509, AL009176, AL049823, AL360174, AL157375, AP001331, Z95325, AC005588, Z83850, AL355530, AC010198, AL391689, AC005352, AC005823, AP002532, AL049838, AP001760, AL049565, AL035246, AL121986, AB014085, AC006313, AL049875, AL035423, AL117191, AL009028, AL034370, AC004187, AL445306, AL050308, AC008583, AC007731, AL136372, AL079303, AL133241, AC005500, AL021069, AC009404, AL163280, AF055066, AL022399, AL031074, AL354977, AL157837, AP000515, AC007514, AL137016, AC009514, AL121882, AC010685, AC006478, AC011890, AL122003, AL354685, AL135786, AL022100, Z83745, AL109934, AF110324, AB045358, AL356513, AC004852, Z98753, AL157413, AC007364, AL354750, AC003106, AC087085, AL031965, AC009505, AC012000, AC005873, AC023510, AC009508, AL356473, AC018513, AL390237, AC008770, AC025614, AL031054, AL135960, AJ131016, Z70050, AC007878, AC010436, AL022727, AL355836, AC026341, AC007444, AC009229, AP001708, AC005019, AL158157, AL034410, AC008833, AC006327, AL137015, AC005303, AL161804, AL157779, L78810, AC005539, AC007751, AC006287, AC004973, AL034406, AL121958, AL137061, AC009430, AF235098, AL049794, AC005024, AC024067, AC000110, AL445249, AC020603, AL121880, AC073165, AC004043, AL356799, AL133226, AL136297, AL161905, AF003530, AC000049, AC013447, Z82210, AC008177, AL035427, AC007528, AL022400, AC022274, AL118496, AP000493, Z98255, AL360157, AL359715, AC002523, AC002468, AL139093, AC002426, AC078854,				
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HODCT60	255	993806	1 - 673	15 - 687	BG150704.
HAQBV81	256	993918	1 - 813	15 - 827	T68150, AA664288, AA113062, AL045561, H63748, BE350958, BF821840, AA190633, BG120327, BF994701, AW582857, and AW582794.
HDTGF49	257	993931	1 - 1643	15 - 1657	BF516217, AV732160, R83419, BG255616, BE171964, F27801, BG253577, AW474317, BE162826, AV755592, and AK002081.
HOGBN62	258	994134	1 - 642	15 - 656	W68274, AI073484, BE543503, AL524870, AL528375, AL524871, AL529901, AL528409, AA528652, T58395, T58350, AI242994, AL048969, AA713712, BE154526, BE154518, BG111530, AA569631, AA484658, AW275432, AI269832, H90845, AW263396, AI523991, F13773, W03981, AA129133, BE154459, AA526426, AW855982, BE158756, BE158799, AA988320, AI768952, AA348511, AA569586, AW885762, AA224238, AA489571, BF876739, BF877700, AA283455, BF877694, AA934825, AW974136, BF978936, BG058309, AA210951, AW833189, BF977345, BE154446, AA069473, AW238386, AI611736, BE154584, BE154524, AA368073, AA599710, AA368633, AI369977, AA708889, AL134280, AA557764, AA372884, BE179742, AW438765, BF992129, BE739174, AA664942, BF810146, F00818, AW817905, BF244176, AA714276, BG006133, AI819525, AA720531, AA908331, AI378950, AA601237, AA910680, AW387775, BE179910, AW387778, AW572140, BF978162, AI500563, AA411171, BF691653, AW769859, AI354388, BF833448, AA635135, AW510403, AW473996, BE961047, AW409710, AV739833, AI690379, AV695910, AW410354, BF212465, BE870750, BF571687, BF978010, BF691393, F01694, BE777501, BF977222, BF978508, BF691774, BF211406, BF238352, BF979045, BF690603, BE961172, BF692655, BF572980, BF184128, BF571004, BF184981, BF692099, BE777568, BF692045, AA581352, AW820694, BG110818, AA993041, AA584133, AA594072, AA599115, AA599143, T50205, F00112, T84169, BE888068, AA828062, BE147527, AA669985, AA297199, BF762987, AW087537, BF213033, W02403, AI870453, AI919048, H70469, AA719201, AI831171, AA381216, AA101744, AA744084, BF676352, AA512999, T87481, F29968, BE002881, AI230815, BF803608, BE154517, AA745459, BF921846, AA744068, AA745533, R51854, AV694805, AW272389, AA745393, AA477103, AA639040, BF957365, BF915592, N58546, D29424, AI869406, AA985240, AW004922, BF831769, AL048090, AW192199, AW571499, T50255, BE886807, BE302658, AW439867, AA584814, BF917819, AI984742, BF879039, AA568127, H60396, AI635245, AL039669, AA525753, AA569474, AW387786, AC022392, AL359339, AK023436, AX048077, AF132952, AC005154, AC002449, AC011290, AL031985, AL008628, Z70289, AL161938, AC012099, AC006028, AC006578, AC005520, AF196969, AC007487, AL031575, AL109843, AL030996, AC004914, AC005697, AC010582, AL159985, AL035405, U95739, AL161670, AC004980, AC005831, AC000120, AC078899, AP001409, AF008243, AP001417, AP000160, AP000018, AC005899, AP001635, AL033543, AC009312,

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HSKGR42	259	994234	1 - 536	15 - 550	BF665644, BE617899, AW975289, AW370221, BF700281, AU154495, BF334587, AW673900, AA648105, AA186588, AV758959, AI858160, BF088091, BF694157, AA659697, BF131572, AA134338, AI914719, BG117553, N71529, AU155727, AA120820, AW363311, N22162, BE617450, BF155707, BE168417, BE879249, AU128878, AW996843, BG261212, AW576295, AW268074, AI343171, AI311237, AI335437, AI344929, AW274348, AI336661, BF239659, BF082539, BF438758, AI741448, BF108773, W73136, BE005344, BF829286, W73116, AI251367, AK000741, AK001701, AK001452, AK023438, and AF086334.
HOEBQ85	260	994356	1 - 1053	15 - 1067	BF980115, AI056683, AW071598, AA393981, BE350760, BF508825, AA053954, BE048405, AA397906, AI336420, AI022052, BE253405, AA007404, AI090549, AI147131, AI298335, N69649, AW627842, AA723269, AI671126, AL043975, W58502, AI051785, AI670024,

HOPJG01	261	994536	1 - 1376	15 - 1390	<p>AA639760, AL043976, BE410449, BE220726, BE728986, AW628468, AA707486, BE141443, AA034435, BE141442, AW386728, AL040334, BE304515, BE302700, BE304702, BE408918, BG165005, AA478114, AK024475, AL117435, and N71204.</p> <p>BE793580, BF966696, AL527978, AU142696, BG112976, BF038095, BF339980, BF346274, BF525737, BF343070, BE796871, AI660492, BE795029, BE740676, BF338457, BF342629, AW157045, AU142854, BE779472, BE791809, BF348176, BF340334, BG108431, BF341150, BE963752, BF337746, BF528606, BE799928, BE251212, BE795188, AU142971, AU123853, AA608630, BE799766, BF984658, BE793148, BG178895, AU142368, AU142683, BF313309, BF435460, BG026841, BF680862, AW163707, AI929171, BE293477, BE799635, BE871928, BE207262, AW276503, BE382663, BG056162, BF205980, AI858505, BF311248, AW250342, BG035351, AU119034, AI573104, AU132674, AW247120, BG056369, BE207051, AI566557, AA126454, BE293760, BF340125, BF343144, AU143052, BF341561, AA194148, BF206123, BE206913, BF317056, BE907374, BE249879, AA582085, BE907893, BF310434, AI887640, AW615498, AW245039, BE260787, BE618820, AI880285, BE791120, AI859252, BF526752, AU123414, BE464593, AA778344, BF316388, BE253881, AW157606, BG059864, AI418820, BF434994, AI360942, AI097502, BE798646, AA770622, BF337854, AW087978, AI921292, BE348883, BE546108, AW732146, AI653881, BG059738, AI023190, BE792435, AA194087, AA595219, AI025155, AU159706, AI085502, AA911630, AA744512, BE973865, AA534937, AA743675, BE262210, AI421284, AA581421, BE545834, AA604154, AA609450, AU145465, BE206914, AW163012, AU160213, AA552532, AU129356, AI929749, AA541593, AI363424, AA434310, AA069319, AI359872, AA968682, AA526861, AU160054, BE312609, AA621196, AW328427, AW384946, AA565664, AI460077, AI929377, AV709913, AA100233, AW163104, AI083875, AI344608, AA682988, AW072500, AI241695, AI366155, AA931506, BF344959, AI340434, AI927283, BF568570, AW248160, BF344603, AA011195, AI459660, AA689477, AI342248, BE858289, AA132540, BF966506, BF958070, AI298268, BE253399, AA635801, AW751546, AA995595, BE390802, AI089995, BF725281, AI282676, AW604964, AI719470, AA583085, AA593293, BF315079, AA729139, AA069373, AI940441, D54574, AW384914, BE671540, AA340245, AW848886, AI003397, D54696, AA156911, AI312413, AA427771, AI167483, BF822526, AI334066, AI130945, AI758341, AI348853, AI701237, BG056893, D55009, AW578066, W07297, AW604991, BE617959, AI869294, AA854599, W27359, BF057992, BF718433, BF718300, AI184838, AA814125, AA088243, AA984724, W32696, AA856797, AA397722, AI858542, BF951374, AA811595, AI266757, BF945422, W32697, AA975437, AA508200, AA156608, AA135907, AI051113, AA017372, AW604994, AA641157, BF945444, BF945443, AA903069, H49325, AI345697, BE252817, AI056127, AW374724, L47647, M16364, M16451, AR084972, M11306, M13453, M14400, M57664, M74147, M74148, X15334, M18668, M74149, K02831, M11660, AF120106, M10012, X00954, AF274307, X53859, AC005781, AC007225, M60806, X96403, M21243, X96402, M21242,</p>
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HKBAK06	262	994596	1 - 655	15 - 669	<p>AA292552, BE569091, AA001348, BG034403, BF680183, BF982202, BF972408, AU134714, BG255510, BF038517, BE382500, BG117853, BE267636, AU133407, AA082436, BE780204, BE535736, W44552, AU122890, BF204311, BF972973, AA081745, BF026531, AU127144, BG029609, BE904738, AU122938, BF242872, BF309946, AW960304, BE297387, BE883368, BE261919, BF033958, BE897037, BF212585, AA158070, BE569085, AA292753, AA476873, BE884804, BE269819, BE900753, BE314366, BE786840, BF035084, BF726787, AA926959, AA177048, AI719075, BE279271, BE778624, AA469909, N49786, BE706261, BE972278, AV685130, AV713469, AV714168, AV687846, BF246905, AU126674, H77575, R97470, AA037172, BG104737, AA908783, AV714475, AI935150, AA926960, W76521, BG249990, BE892033, W04339, AA405677, BE255916, BG104736, AI857576, BG179540, AV698081, R98127, AA293140, AV692796, AW662396, AA910644, AW514667, AA584410, AA889955, AA459522, AV716974, AW371701, AA583187, H78746, AW371667, AI828996, BE903886, AI865147, T55938, R75953, BF910357, W21526, W72395, AI422691, H03265, T77589, H83186, AW069734, AW613002, BE566245, W25243, BG033485, AA872039, AA527373, BF746365, AI423153, AA776920, H72525, R99156, AW104725, H03513, AW024595, AA100926, N31428, AW262230, AA621337, AW972459, AI204630, T88980, BF900364, T29812, H98460, AA772418, BE909377, BF205360, AU154749, AW886710, BF900351, AA662522, AA282997, H42079, W80565, BF507531, W95096, W24270, AI630359, AI459432, AI033892, W25071, AI423513, R54703, AI090262, AI831360, AI312104, AI804532, AA627684, N95210, AA769633, AA617681, W25611, AA416871, AI094597, AW391855, AI139549, AA633648, AI075239, AI339996, AI991988, AA740817, AA701623, N78215, AA129784, AA399239, N86396, AI362835, AI034317, AI336880, H99551, N83673, AA480310, AI989380, AU149836, AA643280, AA932124, AU117372, BF793467, N92892,</p>

					AI911822, AI085351, BF795654, BF514270, AV748036, AA978045, AI078708, AI146955, AI348243, AA876046, AI085031, AA507454, BE270172, AI494230, AA962596, W44561, AI492600, AI278887, AI041437, AU155591, T99630, W80435, AA765850, W95095, BE893793, BF752229, AA157451, N24127, AI361128, AA910586, AA235549, AI537692, AI346618, H47725, AW589407, BF108854, AW300758, AA459292, AA001979, N59755, AA398727, AI129015, BF792285, AA954344, H75312, X54941, AC005913, AB025409, and AC008473.
HKGCN61	263	994664	1 - 1002	15 - 1016	AL526805, AL532675, BF568818, BF975676, BE378603, BE275224, AI924198, AA643194, AI309624, BF568408, BE908971, BF568499, BE385963, BF971390, BE262270, AI954015, BE389035, BF317394, AI862773, BE384108, BF316998, AW954240, BG255355, BE387330, BF215641, AI300492, AV705042, AI571484, AI708237, BE267988, AA772150, AL526773, AI963066, BE265217, AW583307, BE267984, BF207808, BE885366, AW082898, AI554351, AA905048, BG058692, BE858566, BF431959, BG031824, AW873616, AA484736, AI243757, AI924677, AW304210, AA056581, AW328052, BE386932, AI887613, N52247, AW015277, BF726042, AA037075, AI092433, AW583724, AW070340, AA446995, AI096768, AI039582, AU143962, AW021398, N39299, BF216019, AA682891, AA897545, AI241411, AA468723, AI027327, AA503806, BF569049, AA834926, AA902862, AW328127, AI091496, BE676690, AI376786, BF337861, R91343, AA448467, AA609074, AI358828, AA651870, AA143139, AA052970, AA911153, AW241215, AW290993, AI804639, AA001193, AW020020, AI024157, AW572581, AI866825, AW016319, BE907946, AW021471, AA805372, AW015233, H82552, AI400288, AA917723, AA938524, AV750655, AI037929, BE088452, AI673478, AA533610, AI290857, AW769953, W67130, R97256, AA904951, AW340505, H22433, AA053447, AI310161, F24749, BE185312, F19447, BE242972, AV746492, F28239, AA365755, H87901, H56065, F31714, AA969644, AI287714, N34577, AV660944, AW328053, R55213, AW028384, AA506078, AI050822, AA843353, AW572594, AA296650, AW884694, AI041792, W67129, AI357504, AA056685, BE677849, T84900, AI915408, AI678129, R55210, AI311793, R97020, AW151468, AI005405, AI393159, T91318, AI798212, AA770285, N91398, T55560, AA143379, BE170083, AA809332, BG010512, AA934707, N45147, AI282846, AA968881, H40291, H18341, BG029457, H38979, AW805564, BE936154, N69370, BF155976, N53131, AI918485, BF155969, BF155973, H87357, BF155972, T25428, BE938005, BF831914, AA588800, AI005569, AA885911, BE242874, BF088463, H56260, AU126287, AA889514, BE702510, BF957306, H22470, AA453054, H46707, BE185337, H39174, D20650, AK000574, AX015413, U47101, AY009128, AK022758, AY009127, AC008119, and AC007793.
HTXDY55	264	994699	1 - 276	15 - 290	BE241618, BF967213, AU136610, BF980823, BG167993, BE904497, BG166879, AA316320, BG108260, BF032916, BE219939, AA429187, AA446365, BE327680, AA121059, AI681670, AW651689, BG028658, AL523554, AI929475, BF210951, AI984608, AW367123, AA262627,



HFOY137	265	994776	1 - 739	15 - 753	<p>BF966433, AF035606, AK001917, and U58773.</p> <p>BG109766, BG105926, BF692516, BF688436, BE875390, BG109747, BG035909, BF970556, AW250576, BE900583, BG026679, BE878884, BF794165, BF976452, BE736120, BG031147, BE729357, BE877578, BE795468, BF688232, BE746139, BF245353, BF338554, BF244479, BG036485, BF982066, BF313910, BF036466, BG109842, BF791758, BG034461, BG117069, BF792758, BG114839, BG033722, BE886095, BG171042, BE257620, BF307047, BE735602, BE299813, BF342847, AV701221, BF663327, BE900645, BG251353, BF727139, AV743879, BE874785, BF983850, BG112494, BF793074, BF965863, BF663279, BG036333, AT751041, BE727591, BE889746, BG031486, AV734449, BE544132, BE254377, BG029536, BE270481, BF965283, AL535797, BG107168, BG258064, BE267387, BE872741, BE738044, AV752441, BE270455, BF797372, BF036710, BG113386, BF964816, BE786378, BE879576, BE904807, BG025904, AW014150, BF965061, BE728776, BE883341, BE260961, BF126057, BE907972, BF718407, BE905940, BE905659, BF239138, BF718612, BG122417, BG256185, BE728227, BE312855, BF240138, BF242457, AA62852, BE880883, BF718532, BE538681, AA307553, BE538643, BG029238, BF681352, AV743427, BE787767, AW327840, BF212711, BF214381, BE906403, BG120301, BF038389, BF032831, BF689246, AA308582, BE884573, BE568338, BG112395, BF718776, AA316955, BE737786, AA535287, BF102789, BE881558, AA316284, AA308670, BE874983, AA316553, BF718683, BF029119, D56272, BE737963, BG115963, AV739694, D51124, BE565428, BE738399, AV738913, AV712380, BF718622, BE784801, BE877028, BE865693, BG169727, F20819, BE298062, BF211274, BF315518, T27636, F24452, BE739645, BE738206, AW068298, BE261442, BE738273, BG034437, F37402, BF571319, BE395762, BF310625, BF697600, BE313174, BF244308, BF303726, F25324, F20636, AW957333, BE563923, BF303651, AA146868, BG110622, AA315892, N77939, BF571305, BF718598, F33134, BF125885, BE960878, AV738228, AW408000, BF210245, BF029247, AW327881, BF700470, F20282, BF238356, BF245722, F30691, AV710336, F30820, AV738364, BE906206, F27818, AA306499, BF215958, AL036559, AW404866, BE790264, BE277269, AA143290, AV724929, BF212390, AA157054, BF796856, BE277011, BE514876, BE389163, W03894, BF215956, AA385201, F24576, F28257, AA501970, AW022377, AV708457, AA533618, BF718795, F32109, BF055644, BF240053, F32578, BF238936, F30162, AA179118, AW021281, F31767, BF185361, BF791484, BE258863, AW020382, F26077, AL309282, BF669141, F31195, F26670, BE734016, AI525222, F31722, F22445, F27271, BE739184, H02747, AW518445, AW328274, F27843, AW024028, D14530, AC010598, AC005406, X77398, AB007158, AX046357, AR066494, AR060234, AR069079, AR043113, and AA541570.</p>
HOFNL18	266	994874	1 - 393	15 - 407	<p>BF982594, AA304945, BE786293, AA355289, BE882518, BG164113, BG036187, AW945552, AL522242, AL521727, BF345678, AL533751, BE018492, AA312114, BF210611, BE886709, AA495817, BF002097, W72340, BF968410, AA477457, N79824, AI669118, AI245484,</p>

HOFNT57	267	994954	1 - 1163	15 - 1177	<p>AI372958, AW079905, N21556, AI093765, AW450650, AA099228, R56490, H15484, AW451773, BE466523, BF448069, AW236015, AW466866, BF591093, BF742982, AL080166, and AL031432.</p> <p>AU130186, AL532858, AU143566, BG032538, BE731387, BG178926, BF246251, BE546764, AI130008, BE882058, BE900653, BE901813, BF131040, AW238927, BE278958, BE280397, AA146802, BG258310, BE280706, AA037291, BF130537, AW408060, BF671218, AA281910, BE958235, AW958055, BE958177, BE281535, AA304757, BF698291, BF082842, BF667061, AI378241, AA304345, BF155007, BE855677, BF196802, AA380691, AW963766, AA878646, AI702569, AW026139, AW372761, AA635825, BE855640, AW372751, BF733132, AI472824, AI016431, AA843477, AA887947, AI378170, AA744678, AI361091, AI081395, AW516559, AI003236, AA146803, AA767727, N34655, AI399815, AA380690, AW856740, AI080717, AA962414, AA661648, AI983339, BF476713, AW088309, AW304176, BE719113, AA961155, AW189866, and Y11651.</p>
HCBMT45	268	994993	1 - 1656	15 - 1670	<p>AL524032, AL520718, BF343440, BG114926, BG163566, AW749600, AI628088, BE903299, BF348876, BE902526, BF036229, AU121257, W47499, BF348874, BE070481, AW875044, AA326810, W04800, AW838268, BE671868, BF357960, BE547306, BF888235, BG114819, AW937280, AA434529, BE070427, AA004472, U92010, and AK022138.</p>
HATDZ56	269	995200	1 - 1879	15 - 1893	<p>AU117737, AU119363, BF981791, AI126717, AI052256, AU121212, BG165314, BE902257, BE536040, BG259893, AU142181, BF342007, BG164121, BG111390, BE898067, BG028752, AW189938, AU135622, BG118715, BF795161, BG169327, BG121236, BG028368, AW070663, AI885180, BE880899, BE881172, AA745594, BF306702, BG107907, BF740223, Z99376, BE539928, BE892210, BF220065, AI014817, BG249687, BE880172, AW239211, AI784576, AW073683, AA524748, BF528854, BF665628, AW327439, BE779442, BF792343, AW276639, BG122906, AW872951, N36799, AI608763, BE783594, BG231999, AA627848, BE546358, AW247076, BE328479, AI127547, BE614484, BG179876, AW960374, BF343168, BE093813, BE958181, AA166916, AW327258, AA568685, BE464835, Z99375, AA700740, AA740916, AU150439, BG033007, AA573156, AW631056, BG177074, AA099018, AI051506, AA074799, AA812422, BE613976, AA835672, AW627745, AW976548, AI185757, AA503846, AA761648, AA592898, BG114482, AA160273, AW029151, BE546491, AW517165, AA451628, AW250428, BE958175, AI138225, AA809470, W63552, AA828239, AW327612, AI371140, AI371046, AI004126, AI089539, BE539342, AU145724, AA127406, AI537332, AI190076, AA687268, BF381173, AA715174, BE206290, AI073676, AU128126, AA167073, AI278484, AA775540, AI923795, BE535848, AA524391, AA978034, W88636, AA768416, AI635344, AI025865, AA992622, AW403551, AA393865, AA721424, AI024400, AW362155, AA962673, AA856908, AA173982, W73908, AA314538, AI031946, AA593126, AA031733, AI167830, BE936495, AA100657, AI922493, AA888675, H83589, AU123056, R54097, BE697208, AW819111, AI380802, BE043974, AI752947, AI761093, AI033288,</p>

				AA506081, BE697241, AA515785, AI491801, AI953284, AA649193, AA085335, AU156182, AA127405, AA076411, AA075012, W76601, AA305905, AA450223, AI039462, BF676192, AA112634, AA889213, W74770, AA074990, AA082732, AA725074, AA565437, AA009468, BE539594, AW079297, AA099096, AA027240, BF436509, AI064753, AW341032, BE799859, BE697250, W24030, AA076267, H00352, AA173626, AI380804, AA164763, W88554, AW105351, BF819169, AA076266, AW021312, W52167, BE697248, AA693887, BF955879, BE843057, AA403080, AA031732, AI249663, R89292, R51433, H02543, N52907, BE710775, BE183483, AA127505, BE709804, AA514558, AA164762, AA113337, AI282747, AA411811, AI459951, AW327440, AA133539, BF743248, F06634, BE081646, AA933718, AI197787, BE707578, W85987, BE392490, AA160272, BF798811, AA314358, AW393147, BF798816, AW662031, C00036, AA639385, F25558, BF679367, AI696072, H02544, H71452, AA361575, AA115764, AI720134, R54151, M29536, X73836, AI031668, AC007405, AJ294707, AC010738, AL161670, AC007934, AF076927, T47873, T73141, T74664, R07722, R07723, R09847, R10017, R11641, T83787, R15278, R16766, H47662, H47972, R89293, R93621, R99520, H94038, N45959, N55602, W73014, AA009700, AA027239, AA053334, AA058648, AA076505, AA179728, AA191273, AA588847, AA628031, AA738408, AA864670, AA876048, AA903779, AA910612, AA974650, AI083791, AA127491, AA782268, AA969406, T11052, F05216, AI380120, AI201954, AI476203, AI126113, AI300209, AI686294, AI686637, AI688217, AW166745, and AW197934.	
HOCQI44	270	995229	1 - 715	15 - 729	AI831252, AI650374, BF061759, BF057060, BE797203, AI935139, BF061760, AW005769, AI417343, BF311313, AA554943, BE891954, BF685276, AI246563, BE618097, BG032880, BE397206, AI554680, BF976708, BF797333, BE744727, BE538158, BE907169, BE618643, BG164883, BE885647, AW274491, BE295294, BF237549, BE552307, AA160710, BG109868, BF594273, BE886498, AW080931, BE504728, BE559663, AI660049, BG164638, AI637467, BE900800, AU123019, AA777748, AI808876, AI380738, BF684237, AI270758, BF973412, BE895506, AA564413, BF310917, AW020646, AI281284, AI203218, AA403150, AI368831, AA401483, BE268039, AA913021, AI264541, AA305922, AA700029, AA705555, AI097153, AA430504, AA149943, N75989, BG119145, AA629934, AW966695, AA913020, AW472855, AI308917, BF981762, BE784527, AW027600, BF082396, BF974975, AA136118, BF057814, AA936828, BF082395, AA401609, AI867762, AI264545, AA974269, AA633277, T86566, AA834364, BE789276, AW263663, AI133562, BF594511, BE904898, AA596035, AA977854, AA315182, BG033608, AW016092, AW404348, AW025749, AI884737, AI250679, T86744, BF345117, N89562, BE905692, AW079637, BF762047, AI565861, R80990, AW237726, R94970, AI695116, BE901072, AW188591, AA382274, BE205766, BE550389, R95056, AI799019, AW590111, AA719022, AI909396, AI288271, AI909403, R80790, AA760768, AW970688, AI909375, AI858174, AW849952, AW807662, BF809022, AA576241, AI590646, BF082228, BE009475, BF922727, AA403208, N88948, BE926176, BE009463, BE294296,

HNOJG43	271	995562	1 - 1016	15 - 1030	W04406, BE940226, BF818730, AA705085, AA092755, BE963676, BF745587, BF756809, U73379, AL050348, AL121852, AC010326, and AR018789. BF530931, BE887433, AA700637, BG031212, BE787285, BG032265, BG250289, BE872777, BF975368, BE888350, BG259501, BG178671, BG121264, BE385572, BG025460, AU123889, BG120763, BG176849, BE018986, BG251569, BF310080, BF796217, AL040945, BE292902, BE867768, BE778230, BE313767, BE535894, AW651694, BF203366, BE885600, BE018210, AA568104, BE263239, AW244142, BE890472, AW069664, AA165235, BG029628, AA311257, BG028398, W26906, BE873320, H29111, AA379686, BF081407, AW732839, AA165234, AA379707, AW408242, H92844, AA309679, AW732846, AA355319, AW244134, AV739862, BG030885, AB040387, H17153, AA337612, BE384475, BF811815, AA079621, BE385617, AA327809, AA453327, N89415, BF757893, AV737107, BF085282, BF358015, AI904702, AI571790, BF088476, AA028062, AA028061, AW262589, AA877545, AV737069, AL040946, AA149034, AI911678, AI264209, AA582725, AA594933, AW513329, AA488110, BG231727, AW612918, BE301689, AW673154, BE208801, AI885475, BE207777, AI678902, AA879144, AA588402, AV708243, AV708606, AI904760, AW899615, AW971745, BE208405, AA617827, BE837271, AA772717, AI281987, AW804686, AW392670, BE695785, AW861944, AA612842, AL119396, AW604723, U46349, AL119355, AW858526, AW858525, AL119522, F30775, BF926800, Z99396, U46351, AW877209, AL119319, AL119457, BF858264, AW190557, F21301, BF360811, AI685800, AL119324, AI311525, AA970639, AA954246, AA151031, AW276144, AA463498, AI302605, F36969, AA971107, BE705903, AA745842, AA884129, AA613325, AA779167, AA832350, AA907225, AW615590, BE705906, AW577135, AL119483, AW372827, AW384394, AL134525, AW861889, AW858455, AW363220, AL119497, AL119484, AL119363, AL119391, AL119401, U46350, U46347, AL119443, BF868687, AL119444, U46341, AL037205, AI904745, AL119341, BF868684, BF868697, AV744583, AW604726, AL119439, BE705905, U46345, U46346, AL134538, AL119418, AL119335, AI142137, AW511430, AL134902, AL043019, AL134536, AL042544, BE705904, AL119399, AL042984, AL119496, AW861954, AI142132, AL043039, AL043033, AL042614, AL043029, AL042450, AL043011, AL042965, AL042542, AI142139, AL042975, AL119464, AL043003, Y08915, E12650, AL158141, AL049776, L31652, AF000577, AJ223156, AJ223157, AB026436, AR080280, AX046357, AR060234, AR069079, AR066494, AR054110, AJ251859, AX030435, A81671, and AJ279014. AL523089, BE735213, BF690068, AI192441, BE793432, BE794150, AA630330, BE791668, AL523088, BE901445, BE793552, BE515306, BE276069, BF689238, BF027098, BE900126, BE562743, BE747331, BE791104, BF973064, BE733064, BE620825, AL529029, BF025872, BE311984, BE744764, AA641149, AI971403, AI049983, BE387021, BG033880, BE515093, BE796039, BG034885, BF796669, BF026756, BF685347, BG030617, BF688429, BF794151, BG117363, BG169033, BE730729, BE797697, BE728295, AI680328, BG033071, BE908570,
HSPSB95	272	995590	1 - 979	15 - 993	

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HCORG29	273	995806	1 - 1461	15 - 1475	<p>AL525031, AL530529, BF663306, BF971545, AW025025, BG258475, AU118761, BG032914, BF685877, BG121633, BE903452, BF981478, BF685489, BF797011, BG116837, BE620242, BG164987, AA827927, AI554406, BG249820, AI524296, AI571895, BG180487, BE740527, BF525728, BE393489, AI572859, AI811667, AI570178, BE387716, BE620784, AI884603, BE879489, BF127513, BG253264, BF663728, BE395984, BG253562, BE905611, BF219300, BE785705, AW338209, AI439999, BF211816, AW613426, AL525030, BG030951, AA156241, AA679290, BG107695, AW167595, AI819887, AI375063, W73277, BE350515, AI189651, AI610178, AA458883, AA491213, AU145990, AA827903, BE787350, AI005398, AA922921, AU119724, AA054320, AI160911, AI685114, AU145249, W05582, AI093117, AW021515, BF216780, AW022794, N30640, AA581846, AW469855, AW163065, AI266487, BE350933, AI031704, AL038497, AI372851, BE172272, AW510581, N67420, AI760129, AI567473, AA641542, AI368039, AI823984, AI669557, AW363504, AI283802, AI089726, AA551037, AI918930, AW631236, AA617652, BE856972, AI357866, AI306589, AI269694, BE715156, BG004783, W69646, AI309054, AA845918, N22717, AA829897, W69647, N24200, AA988609, AA459073, AI362823, BE265458, AI538392, AV693399, AA715103, AA132151, N30171, AA581975, AI132029, AW004780, AI687460, BF215226, AA054420, AI352565, AI758991, BF732353, BF692209, H10217, AI434220, AA025260, BF431116, BE869449, AA025338, H87399, BG222957, AW887096, AA341088, W87822, BF816282, R94593, AA076082, AA490721, AW591730, N75554, W87911, AI433500, N40816, N62299, AW952176, R36365, BF816279, AA878469, BF446815, AA618380, AV748450, AW630598, AA320520, BE768577, AI539196, AW407015, R46078, AI302689, R85306, AA056977, AA147254, R05766, BE812153, AA282256, AI587368, AI024987, AI763128, AI680889, AA341584, AW627423, R85305, R01156, AI350405, AI678578, BE075897, AA010791, AA447827, BE768617, AA173636, H59964, BF367093, H10272, N95145, AI769382, BF741466, AA931906, BF976950, AI814270, R94594, AI581915, AA282730, R92966, BG032240, BF342174, AI217691, BE812421, BF002679, AI384121, N27031, W56129, AI351715, BF571368, BE741347, H69103, AA210625, BE328449, BF799534, AI971774,</p>

HCRNO02	274	995894	1 - 525	15 - 539	BE348752, BG113168, AA992688, AV691812, AA458647, U30825, AL021546, AP001725, AP000692, U87279, U87277, U87278, AA877919, AA011220, and R29605. AI087863, AW205361, W67736, AW135527, BF112018, AI261883, BE886105, AI954585, BF592922, AA922244, AV726182, BF033136, AW402172, BE889683, AI347209, AW605270, AW949405, AU134577, BE539958, AW605272, AW418630, AL525630, AW601391, AA321817, BF115737, AV689056, BE565311, BF572563, AI933896, BE894922, BF853166, AW605273, AI879891, AI692564, BE909642, AW270487, BF669959, AW084360, AA602961, AA101742, AW612752, BF757848, BF797062, BF977586, AU142848, W25008, AV708387, AA306002, AW614255, AW377570, AV728041, AA016984, BF755701, AI802071, W67735, BE885363, BE884342, BE890337, AA377036, AA092406, R27168, AA069079, BF760715, UI8914, S82081, and U35428.
HCBOI79	275	996247	1 - 879	15 - 893	BF344503, BG253745, BE884245, BE315407, BG180340, AI114464, AI744084, BF003120, AW451065, AI888992, AI431740, BF568084, AI380546, AI656998, AW300527, AI433538, BE464324, AI160803, AI874272, BF476317, AI916753, AI638710, AI952946, AA009412, AI888867, AI796216, AW051510, AI871622, AI382137, AI570640, AA136115, AA009693, AW237382, BF592115, AI916760, BF102764, BG256114, AI357604, AW206165, BF059310, BF874841, AA767400, AA962144, AV694380, AI223191, AW242929, BE791944, AV707942, AA136067, AA450010, AA047548, BF591090, AA057784, AI671950, AI803084, AA452628, AI183340, BF591405, AI810350, AW015645, AI217043, AI818009, AW182191, AI564896, AW075602, AW014905, AI357555, AI766792, AA366017, AI336131, D20857, BF668498, AI751642, BF568923, BE799110, AI364812, BE673585, BF217847, AI873178, BF954384, D31155, AI969843, BF939241, AA329597, AW169141, BF221870, AK000857, and AC003112.
HVCAB73	276	996337	1 - 1513	15 - 1527	AL518842, AU118468, AU117968, AL517493, AU117660, AU119978, AU142310, BE790938, AU142367, BF972250, BF984978, BG252995, BF684869, BE559749, BE560314, BE902291, AU128821, BE795645, BG032172, AU123321, BG110982, BE792404, BE300141, BF982746, BG113974, BF984581, BF794875, BE907107, BG257415, BF309826, BE795893, BE792464, BG028288, BF965624, BE735087, BF976730, BE799193, BF305694, AU142239, BG257876, BF529711, BE613812, BE614422, BE791689, BE885879, AL517492, BE409756, AU135389, BE783011, BG032093, BG114278, BE901386, BE618095, BG122124, BF026898, BG256177, BG251091, BE612467, BF311267, BE618641, BG107568, BE888894, BG180037, BG028062, BE278994, BE614277, BE891718, BE868694, AW947123, BE298422, BE908780, BE278771, BF979838, BG121166, AV759228, BG116644, BG108186, BE272582, BE746783, BE785332, BF316338, BF973741, BE730725, BF979294, AV698719, AL040837, BG106907, AV706709, BF311733, AA206423, AV706293, BE789022, AV706359, BE259394, BF983820, AV713317, BE543291, BF980476, BF310651, BG031342, AU134782, BG261061, BG251520, BF981835, BE396863, BG028634, AW946539, AV653256, AL035921, BE275555, BE612914, BG026070,

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HSDJH04	277	996619	1 - 926	15 - 940	BE904901, BG168030, BE878351, BG259171, AW732563, N24355, AV724626, F24474, AV722309, AI261328, AW328428, BE674638, BF345021, BG255797, AA532928, F37428, AI370570, F22370, F32515, AA296010, AW070530, F33022, F31501, AA918040, F22734, BE905663, AI022292, AI929756, AI300554, AI718610, AI718646, F33373, BF793297, BF793269, BE875134, AI339442, BE855791, AI342832, AI735425, F33367, AA603132, AI695802, BE730633, AA429820, AI024066, AA031459, AA532849, AA772747, F37419, AA136087, AA873691, AI017375, AA625381, AW467861, AA994440, F30932, AA513042, AI191651, AA907866, R09570, F19496, AV741591, W52552, AI497696, BF035508, AA770559, AI369674, AA506595, AI279742, AI302456, AA320307, AA303547, AA452025, AW627910, AI418637, R28551, BE907102, BF965846, R07147, H51877, F35932, H27315, F29523, F28344, AA548806, AA535397, AA148236, R07146, F21114, BG254257, BF185406, AA555277, AA304129, AI968949, R09479, AA570105, AA876458, AI160002, AA304639,



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HSOAN18	278	996804	1 - 616	15 - 630	BE466450, AW085532, AW241624, AW241613, AA806056, AI139578, AW241447, AI655042, AW296683, AW241504, AI005390, N32749, AA732371, N32766, N75507, AW977149, W23313, BF671561, BE541574, AI349361, H01507, H00269, AL079342, AB030654, AF155159, and AF092093.
HHEHF49	279	996874	1 - 788	15 - 802	
HCHCF36	280	996903	1 - 838	15 - 852	AA604207, BF568246, BF685919, AA769075, AI829363, AI160465, AW611817, AI365676, AA909715, BE504747, AI333819, BF828573, AI523938, BF989966, AA768116, BF091370, AI168213, AI658820, BE390437, W56333, BF987457, BE797515, BG110670, BF974205, BE745959, AI652259, BE563589, AI097626, W56246, BE880543, AU141729, AL134271, BE933141, C75024, AI933359, BF087614, BE279562, AI475845, BF314042, AI936721, BE735049, BE298845, AI933320, BE265132, AW512295, BF802106, AW498827, AI431995, AI283491, BE222982, AW449482, AA808235, BE392368, AI763116, AA814951, AA505663, AW274238, AA056204, W56326, BF036391, W56359, BE900914, AI656477, BE818925, AW162674, BF309126, BE700914, BE254984, AA055543, AI760331, BF827226, BE395139, BF229557, AI369700, AI369699, AI197948, BE048398, H81842, AW242467, BE818985, BF307576, BE617252, BE514899, BF125485, AI972328, H44030, BE742153, BF828519, BE793542, AI082336, AA459967, BE812253, BE184274, AU130605, Z25808, M77198, M95936, D30041, U22445, X65687, X61037, and AC002364.
HAHCK58	281	997127	1 - 1797	15 - 1811	AL530933, BE744244, BE886518, BF307394, BE886078, AA521306, AI346509, AW014616, AU154742, AU160803, BF307330, AW662413, AW043807, AW009556, BF434533, AU159740, BE350868, AL530932, AU153954, AA031263, BF897515, AU153595, BF223978, AU146675, AU152826, AA524349, AU143944, AI340333, AW128969, AI826348, AW305306, BF062439, AI564106, AW304346, H71784, BE878383, AI161344, AI262022, BE504256, BE326650, BE504858, AI039240, AW162372, AI962737, AI309252, N76604, AI815896, W69677, N94090, AI935385, AW271271, AI948839, AA010408, BG004347, BF091918, AW513419, AI289056, BF055132, AI638198, BE219405, AW008633, BE676811, AA532714, AA632276, AA040180, N54492, AA570140, R98609, AW025830, W69676, AW510423, AW073235, AI694628, RI5330, H71783, AI886412, AA582538, BF798373, AA635538, AW578114, N69270, R98610, AI917180, AW014409, BF886580, AI383709, AW078973,

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HETU06	282	997165	1 - 371	15 - 385	W04730, BE266365, AI133648, BE793925, BE559709, BE790580, AL518848, BE865465, AL530857, BF132480, BE740884, BE795484, BE793563, AI304872, AA741065, BE865290, BF683810, W80875, AA122216, AA308813, AA284386, BF326544, AL355392, AF161516, AK023992, and AF152097.
HAPOE30	283	997595	1 - 2897	15 - 2911	AU117247, AI126490, AV717396, BG104731, BE501285, BF056914, AI094852, BF796496, BF063299, BG256800, AA454987, AA454988, BG114650, AW080282, AW966631, AW168948, AI336277, AA772322, BE220380, AI859792, AI417858, BE466892, AW103075, AU159373, BE504285, AA918401, AI432403, BG230590, BE673392, BE670742, BF725058, AA410511, BE540683, AA083340, AW594055, AA418120, AI949050, BF112235, AU144138, AA679107, AI708897, AI376002, N78061, AA477527, AI700609, AA828552, AI991181, AA417942, AW168995, AI139660, AI021901, N25477, AI004673, AA411601, AA024709, N49529, AA693511, AI985704, BF343591, W60152, AA778693, AA180440, AA418978, AI767329, BE350692, AI242979, AA577408, W51942, AA524990, AW195065, AW028525, AW953384, N49287, AA418805, AW243797, AI246226, AA024727, AW008941, AA757727, AA527910, AA074180, C05139, R67172, BF348935, AA813662, AW971329, W94122, AW614468, AW513979, N58471, AI868472, AW182171, AA707715, AI183895, AI927765, AI620107, BF508176, R59987, AI654118, AW204432, H44803, AA352918, AA295664, AI499474, AA363317, R09270, R26284, AI784077, AA385639, R25459, H95934, AI572507, BE160130, AA885993, AA363316, R35885, R35884, AW993480, AW023692, AA721410, R36442, AA251090, AI864808, W94018, AA579940, AI872496, AI249523, AW993214, R36160, BE817052, R58756, AL513907, AV729890, AL514919, AL514627, AL513597, BF054789, AI985363, AL121270, AL514691, AV655645, AL514791, AW071349, AW827203,

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HRGDC33	284	997862	1 - 1826	15 - 1840	AB047904, AL117583, AK026504, AB052200, AL049464, AF119871, AK000614, AF130099, AL049300, AJ238278, AK026534, A08910, AF130066, AF116682, E02349, AK024524, AK026532, AF130077, AF177336, AF130110, A08912, AL137271, AK026959, AK026086, AK026480, X70685, AL122110, AL050024, AL049382, AL133258, AK027113, AK025414, AF067728, AX042059, S61953, AL117435, AK000323, U72620, E05822, AF183393, AB049892, AF118094, AK025967, AK025391, AP001666, AX026824, AX026823, A58524, A58523, AB048974, AC009364, AL137648, AF130087, AP001346, AK026526, AK000432, AF116610, AF175983, AK027204, AK026642, R09167, AA476684, AA904630, D25837, and AI873137.
HMTMB91	285	997873	1 - 1162	15 - 1176	AL530171, BG167455, AW341526, AA143021, AI621276, BE695940, BF540992, BE695955, N34863, AW593873, AL530172, AW196758, BF223067, BF223008, BG054486, AI392748, AI807788, AI147923, BF666752, AI634124, AW204647, BF438607, AA293879, BF476285, BE866767, AW276898, BF434775, BF103871, AV712302, AV711800, BF983985, AI392984, R63482, AI680602, R63481, BF507828, BF688635, BF908078, AI795905, AI444949, BG178163, BE048998, AW269138, BF689020, AA251885, AA150912, BE566036, AW884530, F34562, AW801105, AA872641, AA321262, AW082114, BE001578, AW674054, AW961602, BF913145, AA937288, F29869, AI924910, AI908447, AW800341, BF746755, BF215227, N43936, BF676410, AI969745, BF061733, BF796686, AI990282, AW884388, AL109918, AP000568, AP001676, and AR022362.
HFAAD07	286	998059	1 - 988	15 - 1002	AV75264, BF577013, AI923558, AW268804, AW469653, AA760854, AA580566, AA580691, AA836465, BF899990, BF926478, AA768321, BF514639, BF088900, AW392416, AI885519, BF061715, BE888827, AW129764, AI951031, AW858464, AI936012, T40389, AW392849, AI820997, AW858513, BF950338, AW836417, AW392833, AI821288, BE503330, AW837691, AW750461, BG114047, AI275943, AF109907, AC004858, Y12017, AK026107, AR060046, and AR060053.
HE8TG67	287	998517	1 - 1884	15 - 1898	AV684787, BE674615, AI887753, BG258585, BE218749, BF224413, BG165003, AI702451, BF224407, AA548464, AI978680, AA071156, AA191693, BF570780, BE738364, AI797896, AI826052, AA041342, AW014334, T62575, AA197202, AI084270, AW375498, BE775118, BF333162, AA188647, BF431428, AU155586, AA602203, BF751398, BF365027, BF155009, HI0377, H20737, T63199, AU117290, R71297, AI829554, BE645507, BE815650, BE247171, BE701182, T62541, AI659397, AI868867, AI810306, R40856, BG110361, AI701277, AA602213, T62616, AI221666, AA070862, AA860281, BF718478, AA191265, BF088816, BE090765, BE840583, D25992, BE704032, BF692434, AW754457, AW363933, BE540276, AI217112, AA528408, BF981414, BG015645, AI633390, AV727030, AI199435, AK023434, AB029036, AJ132948, AF119043, AL035410, and AK021491.
					AL537729, BF346881, AL536527, AL517563, AL518650, AL525543, BE621523, AL536921, AI040011, AL531577, AA704144, AL516123, BE271006, BE540109, BE619747, AL533503,

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 S76508, I89934, AF116644, AF119883, AF090943, AK027121, AB048953, AK000250,  
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 AF225424, AL080154, AX011676, A07647, AL359620, AF208026, AF056191, AL050393,  
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 H51940, H92747, N31624, N62322, N79443, W37310, W69152, W69277, AA016048,  
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 AW079199, and AW337323.

HACNC39	288	998533	1 - 527	15 - 541	<p>BG258323, AV726190, BG059174, BF031580, AW247693, AV733393, BF673590, BE393632, AV718256, W33034, BG223143, BG027098, AA316722, BF540944, AV740290, BE620501, AA761185, W76104, BE880515, W72590, AV712501, AI373016, AW951730, BF343423, AI301029, AW516518, BE336891, AI973019, AW954688, BE267264, F19333, AA642858, AW275727, F24037, BE886443, R98379, AA293612, BG029810, AI074416, AV682189, T30842, AI193781, AI709082, AA010642, BG178022, BE206642, AW163422, AI369744, BE737738, AA972242, AA505959, W30911, AA622015, AI479908, N39461, N99973, R89095, F24482, AA081027, AA502036, R89203, AA035242, AV758359, AA573301, BG116673, BF976770, AI205784, W69222, AI301695, H55975, AA081028, BF028555, N95321, W01264, AI719663, R98380, AA861810, W07432, BE744309, W57656, AA927506, AI719437, AA226340, AA226339, AA659132, H55976, AA635460, BE263378, AW004852, BF208315, AI096433, AI885213, AI097113, BE858122, AA935727, AA935732, T64927, AA128637, AI282165, AI299205, D31544, AI087422, AI299261, AA977268, AI493422, AA535488, AA927717, BE738497, AI028146, AI027821, AI288435, AI590079, AV744150, AI758305, F32365, AA601928, AA862695, AA910891, BF082399, AI867500, AA601890, W69078, AA535582, AA011251, F22069, AW162386, AI554628, AW157546, AA514029, AA527091, AA514433, AA948196, AA307500, AW163423, AW841585, AI266428, F36879, AA304694, AI277191, BE620900, T34355, BF687997, DI1824, F29996, AA127824, T19184, BF898606, AA852606, AA480469, AA385328, AA046538, BE045065, BF678637, AI880263, AA128770, T39525, AA837248, R66514, T67659, AI580758, N73968, BE367125, BF217569, AA680363, AA301822, AA055001, BF246041, T32179, AI879869, AI143015, AI141685, AA010673, AA177089, R67830, AW964427, R30686, AA973995, AA572821, AA282316, T30691, AV715207, BF743095, W24587, AI468069, AA321070, AA358416, AI445120, AA996068, AI014448, AA908418, AA931480, AI148889, AW583730, BE045228, AA045468, AI467821, AW583317, AA308501, BE049525, AA962130, AI148886, H47357, F37883, F27165, N70956, W35401, AW151841, AI148586, BE833126, F31392, F17340, N75848, BE174000, W03741, BF819345, AA092713, BF541948, BF819342, AC008752, and AF318186.</p> <p>BF038501, BE743899, BF032818, AA587273, AI470221, BE501242, AI566249, AW590780, AI963941, AI916929, AA933987, AI656124, BE672062, BF508514, AW873183, AW801187, AW610294, AW998772, AI914774, AW610295, BF915088, AW998876, AA320217, AA343629, AW965060, AA401047, AA400995, AB008927, AB008390, AF055982, AB009849, AF095742, AX002035, AF095743, AF251125, AF243527, AC011473, AB012761, AB010780, and AX002037.</p>
HCOQP78	289	998901	1 - 1051	15 - 1065	<p>AL516908, AL529636, AL526532, AL528012, AL522876, AL521127, AL526488, AL521128, AL516907, AL531189, AU122740, BE745665, BE250550, AU119700, AI743606, BE798628, BE736968, AU125167, BE797870, BG112405, BE902115, BE560581, BE734679, BE793368, BF969559, BE620400, BE268360, BE736647, BE902108, BE728049, BE796873, BE870756,</p>
HCGMA67	290	998905	1 - 2397	15 - 2411	



HSKHK19	291	998968	1 - 1335	15 - 1349	<p>AW411493, BE270572, AU133808, BG121078, AU133710, BF686594, BE910106, BE257320, BF317202, BE793091, BE730051, BE263846, BE384717, BG115969, BE879093, BF183030, AU134059, BF974997, BE737205, BE396557, BE262942, BF027539, BE793751, BE904872, BE893045, BG178142, AU133810, BF310279, BE311403, BE780071, BF125763, AW249262, BG167684, BE799083, BE150570, BE264319, BF797226, BE276706, BF797134, BE277414, AU122878, AI819948, AW292784, BE018144, BE731116, AI346337, BE388636, BG232088, BE644993, AW085502, AI819956, BE273350, AW411494, AI922650, BE079846, BE390098, BE385907, BG250419, BE264525, AW248841, BE542604, AW604679, AI818941, AW264093, AI126505, AI818959, AW837557, BG114384, BE779041, AW182262, AA436151, AI184672, AW069602, AA599479, AI150894, AI687205, AI637558, AV649134, AA594595, AW168019, AW068429, BG035056, AI091663, AI346196, AA436277, AA232178, AI923623, BE139474, AW001867, BF348648, AI802886, AI082781, AA452041, BF912320, AI138457, AI986228, AI346777, AA133011, AI085977, AA127224, AV648865, AI659420, AV648769, AW857727, AA743051, AI721055, AV648944, AA211354, BF894734, BF892701, AA156145, AI261503, AI357961, H82468, H51040, BF752799, BF948221, AA306464, AA995825, H77453, AW837617, AA155712, AA451842, BF752803, BF951602, AA631133, R86155, AI270028, BE301626, AV725027, AI538266, AA844701, BF761725, BF752808, AA064668, AI810461, C18335, AI961800, AI129748, AW381832, BE152165, AA280183, AI184909, AI125741, AA133126, AW067954, N44500, AA156399, AA322829, AI241053, BE767776, BF594788, BF951594, AA826959, T72301, BE706433, BE063208, AI380368, AA127223, BF350441, AA306328, T48747, AI911666, R31445, AW673805, AA382705, AA922112, AI688280, AA385663, BE710692, AW194218, AI984114, BF764757, AA353720, AW883638, AA130715, AI784292, BG254395, R50604, AA347146, AW016251, AA300597, BF851633, AW302862, D25743, AI351721, AA130800, AW276690, AI499265, AI537970, T69840, AA281560, AI633516, R53694, AI049970, AK025165, S53268, X56741, X56385, S53270, M83675, AC011742, AL137068, AC003104, AC011452, AC006329, AC008812, AL391690, AP000335, AP001725, AC009086, AC003029, AC004151, AC002401, AC011475, AP001732, AL121929, AC007386, Z99716, AL117334, AL050349, AL138741, AC004840, Z85987, Z83838, AI031680, AC005098, AC016995, AC000353, Z93015, AL162505, AC010422, AL121933, AP000215, AP000350, AC008163, AC003007, AC005071, AP001469, AC008649, AC004166, Z83845, AC006480, AC004975, AL049762, AC004867, AC005632, AL139353, AC010289, X14448, AC002351, AL133174, AP001038, AC005082, AC004159, AL033538, AC006312, AL389886, AC006530, AL031291, AF024533, AF030453, AC004673, AP000557, Z82179, AC005180, AC007283, AL158830, AC009470, AP000031, AC026199, AF135025, AF053356, AF031078, T55532, R50516, H51041, H77454, AA064715, AA116002, AA128604, AA132717, AA665918, AA709196, AI091860, and AI696317.</p>
HSKHK19	291	998968	1 - 1335	15 - 1349	<p>AL519526, BE256801, AW130128, AW970424, BE621017, BE787578, BE621643, AI589581,</p>

HAGGR59	292	999124	1 - 584	15 - 598	<p>AI949575, AI818124, AI589840, AW081864, AI9121753, AU145975, AI634482, AI563933, BE223113, AI074607, AI569706, AI814661, AI373372, AA496332, AI860757, AI184874, AI812006, AW275923, AW275925, AA443603, AI866518, AI049612, AA535149, AW104765, AA46619, AU146067, AW938784, AU119822, AI377544, AL519527, AW613441, BF510601, AA496667, AA910533, AA568546, AI033588, AA457153, BE676768, AA454523, AW170554, AA187136, AI241929, W72667, BF530659, W06898, AA699709, BE540686, AA074340, AA367858, AA443905, AA577051, AI928605, AW151489, AA367893, AI656686, BE702465, AA379678, D63303, AI017693, AA513395, C02140, BE702440, AA676828, AW751107, AA476663, BE048320, AW337952, BG004582, AC004890, and D30612.</p> <p>BE784070, BF002337, BF514872, AA568401, AA579465, BF967065, AW752043, A90832, and AL121674.</p>
HOPKS83	293	999148	1 - 2249	15 - 2263	<p>AL522393, AL533573, N99342, AL516958, AL535381, AL523241, AL535062, AL522394, AL535382, AL516957, AL523240, BE562445, BG105219, BE612965, BE312728, BF312923, BF315986, BF035342, AU118409, BE743128, AU119979, BF317065, BF315006, AI911669, BF206582, BE378738, BF314738, AI920919, BF307782, BE393973, AL517298, BG105346, BE299566, BF312608, BE336625, BE743194, BE899095, BE878702, BE314539, BE299463, AI863032, BE382388, BF793901, BE299754, BF033995, AW956858, BE336951, BE263982, BE299939, BE794536, BF204946, BG117746, AL517299, BE540363, BE746220, BE889577, BF310262, BE296433, BF032410, AI630771, BE262722, BF206365, BE881335, BE792711, AI962939, BF038482, BE736530, BE262374, BF983571, AL041532, BE222837, AI203519, BE747404, AW474516, AW860949, AI467799, BF038659, BE395887, BF205799, BF984646, BF035677, AI446105, BF033792, AI683133, BF207213, BE390734, BE880386, BE797748, AW084757, AI623575, AI198705, BF317016, AI688407, AI131027, AI951929, BF035073, BF724131, BF034309, AI680339, BF361335, W63745, AI802236, AI620096, BG117568, BE395019, BE963719, AI631270, AI017269, BE382313, AW404858, AA069776, BE217748, BE161881, AW131659, BF306325, AI146732, BF741443, AL041531, BE260390, BF811734, AW951865, BE963088, AW516123, AI126564, AI376222, AA399190, AI473708, BE298239, AI024470, AA069813, AI693963, AI038226, AA557265, BF832766, BF038178, AI146374, AI310457, AI371081, AI302272, AA613136, AI148411, AI080066, AI469677, BF315092, W58405, AA031461, AW301060, BE743266, AI366166, BF812723, AI097537, AI199004, AA479914, AW575954, BF956421, BE260076, AA156788, BE391447, BG169831, BG015923, AI814687, AA728764, AI859489, R72685, W74501, W61097, BF092603, BF092637, W58479, BF811740, AI683174, W79724, BF092611, AA974665, AI874214, AA156877, BE395715, AI568464, BF590686, BE336638, AI743500, BF948695, AI538384, AI039247, BF948453, AI149388, BE830442, BG059628, AA394042, AI625093, AW630225, BF092602, AI274730, BF446367, BE261854, AI040040, AI810483, N94374, AI446509, AI658968, AI367239, BF912314, H48071, AI018149, BE019825, AI589495, BF948722, W58139, AW511638,</p>

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HE8CY70	294	999157	1 - 1830	15 - 1844	R21300, R24774, R36859, R38515, R43031, R46146, R48308, R48410, R48837, R48836, R50605, R43031, R46146, R70155, R71373, R72615, R73704, H14786, H15694, H15747, H15786, H17811, H17812, H20794, H22611, H40823, H41607, H43789, H45364, H47720, R87510, R88795, R88794, R89030, R89726, H50894, H60992, H84383, H89495, H89641, N74100, W19372, W42783, W42898, W44669, W57868, W78899, W79097, W84333, AA025892, AA031482, AA040320, AA158788, AA158789, AA161030, AA427424, AA501350, AA523346, AA535958, AA541255, AA635851, AA744728, AA858101, AA873146, AA876672, AA894659, AA937250, AA976782, AA995084, W84394, C03893, AA292288, AA448902, AA453017, AA476579, AA722416, AA835064, AA852464, AA283459, AA860458, T03398, AA971995, AA947590, AI016219, AI039549, AI066699, AI086910, T15385, T17105, Z41095, T16680, Z45379, F01667, D45708, F04904, F05415, F05955, F07313, F08033, F09125, F11540, F13021, F13479, R12105, F09201, F10617, AI282756, AI288425, AI363724, AI453295, AI418866, AI471189, AI500689, AI131529, AI147105, AI247641, AI278086, AI291822, AI682136, AI682565, AI689335, AI696603, AI858413, AI918457, AI922927, AI953304, AW057752, AW073356, AW073834, AW074319, AW129483, AW138948, AW152247, AW166772, AW243760, AW264088, AW275276, AW189508, AW193597, and AW338298.
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HPCTI53	295	999243	1 - 1791	15 - 1805	AL532536, AL534951, AL537065, AL534840, AL532662, AL534290, AL534839, AL537766, AL536321, AL536486, AL519773, AL519772, AL534970, AL514450, AL536487, AL532832, AL515338, AL532707, AL517308, AL533170, BF966574, BF966824, AL533327, BF969218, BF312752, BF966857, BF971333, AW954554, BE741256, AU138028, BF348305, BE742610, BE746943, AL528920, BF966861, BF791964, AU134706, BE382457, BF793547, BG036726, BF206971, BF793341, AU136569, BE788895, BF793833, BE314586, BF528036, AU139364, BF315334, BF528947, BE786032, BF969765, AV705152, BG031513, BF970234, AI795976, BF966199, BE383501, AI147046, AW857216, BE784831, BF966444, BE259799, BF951728, BF527213, AL537064, H93036, BF951951, BE260158, BF951931, BE793344, BF951912,

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HOPKN50	296	999313	1 - 1689	15 - 1703	AL531915, AL527360, BE903220, BF684028, BE561023, BF984727, AU129601, BF978548, AV718036, AW955129, BG257162, BF665251, BF667950, BF219086, BF038467, BE889796, BE565202, BF244797, BE564344, BF218992, BF576929, BF977553, BF976962, BF029347, BF540908, AL527307, AL531914, BF246890, BF687621, AA312280, BE940500, BE566742, AA700427, BF700934, R92253, BF977894, BF246242, BF666100, BF994346, BF001266, AI954614, BE503512, AA249583, AA188980, AI955047, N88235, AA249666, AA189047, BE857720, BF899120, AI341285, AI341287, BE543964, AF017790, Z59345, and AJ236630.
HAPAI17	297	999778	1 - 1280	15 - 1294	BF033653, AW444993, AI871043, BF032343, AI807343, AW510878, AI950459, AI826126, AA447467, BE857146, BF509983, AA001932, AA446661, AI859171, AA872128, AA922684, AI083866, AW297393, AU138791, AA775527, AW262576, AI361621, BF033189, AU155748, AI933363, BE645182, H13820, AA670262, D45494, BE899588, AA228815, AA315799, AA977654, AA683497, AI586990, AU134985, BF853051, BE315005, AW890841, BE788343,

HHUV59	298	999808	1 - 1896	15 - 1910	AW769578, BE746090, BE019946, BE612484, BF035920, BE301953, and AK001832. AL048447, BF312839, BG024591, BG117134, AI678749, BE839416, AA675912, BF307871, AI765059, AW572765, AW007348, BE675880, AI885787, AI435265, AI075277, BF934019, BF309250, AW964131, AI524738, BE297104, BE933325, AI383625, BE773064, AW269313, AI522069, BG253109, BF933881, AA675911, BE888599, BE048871, BF056045, AI827292, AI830068, AW204343, AW001183, AI633366, AW732389, AA378192, BE047068, AW899221, BE743381, BF800703, BE747149, AW501959, AA312335, AI632305, BF057718, AW001192, BE258013, AW471190, BF935373, BE545235, BF034266, BE019131, AI763226, BF305211, BG004997, BF109329, AI187053, AI970090, BE440030, AI492245, BE140494, AA460452, W00626, AI628639, BF569680, U73200, AF311311, and AK025229.
HTXLL31	299	100031 5	1 - 2567	15 - 2581	AW851285, AI307751, AW851000, AW850996, AW851276, BF111184, AI860767, AA151346, BE326805, AI670955, AI670956, AW474917, BE962693, BF057083, BF692970, AI762646, N54275, AI304947, AI129360, AA431590, AI653467, AI523805, AW816568, BE933761, N78023, AI188725, BF684485, AA429000, BE046482, AI417222, AW003359, AI690557, BE222504, AI335940, AA035134, AW627685, AI765632, AI276573, AI301819, AW026872, AI285087, AA808713, AI262798, AI000876, BE698558, AW206586, AI341622, AA035133, AA088715, AI373092, AW851281, AW367644, AA088714, AI767023, BG223175, BE939909, AW851279, BF926936, AI537741, AW194241, AI138638, AA100747, BE010120, AI251120, BF223753, AW630988, AW166773, BF350566, N58715, AI289411, AW339814, BE243498, AA341869, AW339823, AA811859, AV650677, AW865812, AV654828, AI262069, AV657837, AI610516, BF196451, AI73271, AA431459, AW300347, AI631804, AW771246, BE153798, AW374420, AA100730, AI696300, AA135161, AW849214, AA135257, AA216017, AW865611, BE613126, AA149246, AA665876, AA341868, AW050441, AI174474, AA227718, N58433, AA249421, BF353512, AW391686, BF810441, AA535957, BE926241, BF885921, AI123195, BE174780, AI345415, BF911517, BE612556, AI345612, AI568293, AI345416, BF971669, AI654276, R36271, AI590043, AI370322, AI333104, BF763458, AL036901, AIS20964, BF911521, AI583578, BG260817, AA761557, AV718258, BG179795, AI690813, AA618618, AI621341, AA814343, BG025897, BF997967, AI539260, AI918677, AW075382, AW085373, BF726255, BE439844, BE966699, AI638644, BE886790, BG257360, AV747571, AI434969, AI538850, AV756182, AI568061, AI282669, AI927233, AW955313, AI368579, BE620296, AL040243, BF970768, BF726231, AW167215, AI811840, AI500061, AW083572, AI419826, AV755821, AL046942, AI698391, BF792047, AV682387, AL039276, BG113299, AI499279, N25033, AA555145, AI744268, AI923989, AI370623, BE965129, AI826230, AW630386, BF725395, AW083573, AI866469, AW827289, AW128834, AI537677, AI580027, H89138, AI699175, AW020561, AW005029, AW263709, BG166654, AL039086, AW020419, BF765551, AL037602, BF835240, BF310166, AI679550, AI863002, AW959800, BE778453, AA749449, AW168406, BF344359, AI364167, AI635528,

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HTTHS93	301	100042 4	1 - 1331	15 - 1345	BE886817, BF981304, BG109169, AU135262, BE439496, AW239234, BF670052, AU138465, BF542074, AW239554, AW966687, N90372, N45516, W76608, AW949321, BF431123, AA307160, AA173490, BE185499, AV744410, BF063334, AW294497, BF675907, A1861878, BF980429, T29000, R11099, AU123270, R11071, AU123334, AA478933, BG181115, BE815659, AW363100, AA705027, AW363101, A1718686, A1718938, BE827298, N68560,

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HOVDG59	312	100232 8	1 - 1148	15 - 1162	BE392523, BF341045, BF526954, BF345041, AA293385, BE393803, Z43548, F11332, F11336, AA324381, R15203, BF338150, AI291292, AW139401, AW139402, BE747964, R44374, AI656348, N62634, AI458990, AA973701, AL519859, Z39616, T58591, F08996, AI458684, AI457481, AA991427, BF791631, BF791764, AL519858, F08992, AU152841, BF341518, R56283, BF447914, N78405, AA644231, AA738248, AA928861, T58522, BF939563, BF732685, BF934189, AW162194, AI348901, AI560545, AI345347, AI589428, AI590043, BE538125, BF345306, AL036265, AI138386, AI554444, BF970853, AI537677, AL040241, AV701490, AW022494, AW020288, AL046466, BE011880, AL039011, AI540674, BE904902, AI953765, BF871314, AL514026, AW075382, BF835240, AI925404, AW827289, AL039086, AV682837, AI699823, AW020381, AI401697, BE904979, AA088789, AI537643, BE875959, AI628325, AI284060, BE047833, AV709580, AI491710, AA658033, AW834302, AI249389, AI936003, AV709935, BG122101, AA806719, BF572734, AL047344, AV682610, AW022102, AW079572, AW161579, AI242246, AI473451, AI922110, AW935969, AV745008, AI698391, AL037582, BF911517, AL037602, AI561356, BE964614, BE965432, BG180032.

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HTJAD78	313	100245 9	1 - 1222	15 - 1236	<p>BF976027, BF344410, AI935276, AI922295, AI453286, AI061447, AW084781, AI922740, AA633914, BF976158, BF975009, AI890517, AI685129, AA604548, AI564488, AA633898, AA554807, AA603094, AI676248, BF342159, BF976021, AI877299, AA482084, AA594007, BF663737, AA583477, BF128583, AI633036, BF448492, AI624124, BE138766, AW084033, AI972107, AI573054, AA554503, AI861992, AI635092, AA554603, AA603112, AI963159, AI885552, AW189893, AW170437, AI831674, AI913303, AW606610, AI432677, AI627447, AI660947, AI660631, AV684756, AI911860, AI355049, AW080943, AW606612, AI569431, AI554239, BF663657, AA554601, AI570775, AA604466, AA603208, AI824097, AI685224, AI814789, AI499106, AI709348, AI683645, AI921323, BF448566, AA618014, AI983813, AI696861, AI813565, AW088620, AI888446, AI861988, AI955000, BF913238, AI890071, AI982663, AI598119, AI887339, AI880599, AI635332, AI857980, AI924221, BE042860, AV690487, BF448526, AA411582, AA663959, AA643405, AW514722, AW778755, AI631308, AI653450, BE046117, AW393947, AW378521, AI871896, AW469981, AW629703, AW338410, AI872320, AW270036, AI922702, AW951505, AW172900, AI912327, AI673464, AI634576, AA548003, AA522521, BF882331, AI697305, AW339071, AI561092, AI564163, BF741504, AW393397, AI701064, AW662211, AW629802, AW819654, AW819651, AW629750, AI922443, AA554766, AW393944, AI935829, AI690539, AA663981, AI890080, AW368623, AW606617, AA528081, AW381195, AA618081, AW610019, BF883562, AI814167, AW514864, AI890736, AA669378, AI445509, AI569201, AA715192, AW610379, BF768600, AI913479, BF768451, AI861993, AI983877, AW364248, AW418532, BF915146, AI669056, AW338400, AI660695, AW384215, AW629931, BF883542, AA825870, AW610064, AA633179, BE714992, AL048475, AI829836, BF828709, BF976052, AW393995, AA487082, AW393913, AI660861, AI982860, AA487439, AW392248, AI499240, AA485648, AW582663, BF341158, AI888139, AI634623, AA715707, BE706882, AW440616, AW394006, AA618094, AW073757, AI872290, BF826058, BF879554, AA911629, AV686256, AA548191, AW383978, AW393994, AI811728, AA515655, AW972295, AI983040, BF882689, BF882683,</p>

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HCDCF69	314	100246 8	1 - 1277	15 - 1291	<p>AL524278, AL519903, AL526355, AL527614, BF340905, AA713828, AI458100, AW262148, AI568466, BG164427, BF034879, AW117724, BE620311, AA904657, AW131429, AI609416, AI033969, AW129436, BF689910, AA203178, AI805223, AW769228, BF130147, BF690136, AI805037, BF195173, AA412692, AA724441, AU152123, AL525376, BE885606, BF570214, AI249142, BE964545, AA582240, AU150923, AI025016, AA552508, AI122839, AI077898, AU147281, AA412693, AA827564, AI280970, AA151594, AA582141, BF568807, AI081702, AI906090, AW263533, AW338886, AI445429, BF769848, AA847301, AU159916, AA861986, AA534564, BF694201, AW169690, AA837848, AI262386, AA995557, AW055102, AI538339, AW068673, AI347587, AI021897, AA995739, AI344598, AI134886, AV711206, BG009909, AI810319, AA700365, AW589276, AA704292, AW079730, AI167694, AA293349, AA977304,</p>

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HPTTW90	315	100247 9	1 - 1273	15 - 1287	AW170624, AW516181, BG117151, AU149061, AU155228, AW502495, BG122631, BE254060, AI673723, AI687960, BF814084, BG024360, HI7924, AW196108, BE746829, R43739, BF824787, AA458536, AA454612, AW408007, AA847697, AA602768, AW514450, AI952211, AW051649, AL039873, AI168473, BF683651, AW500158, AB016794, L20431, I73380, AR066417, AC005516, Z69837, L27416, I23502, A39975, A39976, L28827, I73389, AB016793, AR066384, U24233, L23313, L23312, U18650, and L27415.
HSUBG36	316	100249 2	1 - 961	15 - 975	AI185096, BF103789, AU117205, AU137241, AA733050, BE783499, BE618181, AV757786, AV743769, BF680487, BG027886, AI333721, BF541964, AI148205, AI811087, BE378837, AA987818, AA742752, BF685222, AW952792, BE302100, AA659440, AA732364, AI936096, AW327396, AL048083, AI279902, AI263891, AW440528, AV753064, AI826356, AU126592, AA432012, AU123006, AL048084, BE564318, AI470021, AV704356, AA316536, W45183, BE018474, AA625316, AI185537, AI076183, W80493, BF211327, AA316468, W84630, AW516105, BG030086, AA846523, AI422123, W78758, AW518265, AW084860, BE873984, AA313273, BF837020, AU126555, W91935, AA678021, BF211971, AI436313, AA573309, BE874605, AA740180, AW276292, AA652253, BF836170, BF240312, AA746960, F20803, AW005309, AV755665, AA505968, AA262737, AA643844, AA825665, AA825656, BF130913, BF209571, AA484987, AA657855, AA640115, BF218165, AI630419, AA747022, AW957951, AI630230, AI498286, W87610, AA483708, W84681, AW089021, AI085413, AA715002, W87901, AW817501, W94898, F33710, F36966, AA706906, AA384245, T28438, AW999579, AI349439, AA075194, AA659105, AA782910, AA484859, AA812174, AA075195, AA367098, R58158, AA894871, BG153113, N83465, AI339378, AI340881, AA344740, BF758034, D19829, AI613313, BF906690, AA865159, AA804898, W42658, AI144278, BF837009, BE963193, AV732657, AW162196, M21258, X12466, M37716, M15918, AC011533, M65125, M65126, M65235, M36001, X12465, X17036, AL033378, AC006599, M15919, X65704, M21253, X54048, S60260, D28435, and C14070.
HODFU72	317	100252 7	1 - 1287	15 - 1301	BF676003, BE076759, BF959556, AI556964, BF362236, BE079009, BE244665, AV701402, BE929112, R18432, R14837, AB037841, AF257305, and AL353807.
HCNSF57	318	100254 5	1 - 1013	15 - 1027	BF974713, AI141674, BF975632, BF338816, BF974359, AW084029, AW190207, BE560989, BF975863, AA402796, AV649126, BF128621, AI634404, BF976229, BE559541, BE562327, BE513271, BE559866, BE560810, BF664119, BE562370, AV651267, BF343082, BE270781, AV691558, BE562037, AI523289, BF128616, BE561313, BE559743, AI820745, BF343658, BF974797, BE561803, AV708819, BF664036, AI435293, BF663927, AA808888, AI963421, AI582211, BE560212, AI620843, AW575358, BE561081, BF976648, BF338856, AV697043, BE561605, AI799354, BE706916, AV688454, BE561129, BE562272, BE561382, AI589372, AV692175, AI573110, AI122978, BE140135, AA896973, BE156144, BE396449, AV693955, AW276248, BE562336, AA994436, BE559999, BE561378, AA558653, BE561302, AI066510, AI478690, AI141708, AI584008, BE561413, AI625973, BE271225, AI687371, BF128831,

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HODJU13	319	100254 6	1 - 421	15 - 435	D80043, AW973474, AW959597, D58283, AW975618, AW966029, AW959570, D80253, AW973307, AV699447, AV719557, AV718707, AV718692, D59610, AW959136, AV720211, AW978634, AW966059, AW966053, D80366, AV719822, AW966531, D80188, AW978661, D81030, AV699550, C14389, AW959202, AV718938, AV718633, AW959628, AW959799, AW960465, D59859, AW975613, AW958993, D80166, AW962082, AW960553, AW966075, AW966065, AV718489, AW973482, D57483, AV722801, D51423, D59619, AW956397, D80210, D51799, D80240, AW973334, AV719324, AW966534, AW975605, AW973488, AV718931, AV720878, AV720731, AV723927, AW949656, AW949642, AW966022, D59467, D80212, D80391, AW966013, AW978648, D59787, D80022, AW966041, C14331, AW964488, D80195, D80219, AW966032, AW966054, AW975621, D59927, AW960473, AW965177, AW949629, AW965163, D80164, D59275, AW973541, AW965175, AV720791, D59889, AV720203, AW964756, AW966050, AV719188, D80227, AW958992, AW966062, AV718440, AV719783, AV720028, D59502, AV719468, AV718800, AW965185, AW965197, AW965196, AW973485, AW965184, AV718844, AV720464, AV718770, D80196, AV724520, AW959062, AW964477, AW956434, AW949641, AW949654, AV699927, AV700889, D50979, AA305409, C15076, D80024, AV721386, D80241, AW966023, AW960454, AW973330, AW959582, AW949653, AW949645, AW949631, AW949643, AW949618, AW949657, AW949655,

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HODIL25	320	100255 1	1 - 1814	15 - 1828	<p>AU120042, BE780972, AV715756, AV711451, BF347691, AI357871, AI818374, BG104561, AW613119, AL119040, AI610884, AW129956, BE840539, AA861081, AW080968, AI949210, AA088340, AA911979, AI890636, AI082565, AI253533, AI51586, AU150967, BE840639, AA594005, BE853307, BE349344, AL047924, BE835388, AI217066, AI401436, AW170795, BE439805, AI808939, BE567432, BG236052, AA232142, AI078839, AW193031, BE840631, AV754839, BG024161, BE769183, BE769133, AA421829, AA136375, AI080190, AA136322, AW958948, AA825391, AA147532, AI492527, AI493374, AI242642, AW029010, D59969, AW264735, BF096116, BF764397, AL041312, BF095708, AW627822, D79956, W95261, AI270468, R74381, AA355105, AW939263, BE925867, AI136289, AI136235, AA659078,</p>

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HUVHS56	321	100256 3	1 - 1064	15 - 1078		AA203629, AL523163, AL521771, AL514552, AL536987, AL529628, AL530356, AL523994, AL526673, BE730806, AW161326, AV717844, BF210986, BE869187, BE792999, AA486503, BE618082, BE796377, AV647216, R18207, Z46093, W68658, T36060, W86087, AI766913, BG015222, AL529627, AL523162, AL121978, AF097441, and AF161438.
HPMIQ18	322	100256 5	1 - 810	15 - 824		BF986504, AL049139, AW504150, AL521374, BE247529, U48730, U47686, I40052, A84439, A84463, L41142, U43185, AJ237934, AJ237937, Z72482, AF135123, AJ237933, AF135122, Z48539, U21110, U36502, U21103, X91988, Z48538, U24175, X97541, X78428, I23453, AF074248, AJ005638, and AF144565.
HLHCI46	323	100259 1	1 - 1120	15 - 1134		BE745588, BE734397, BE743824, BE901231, BE744857, W07146, BF111606, BE546841, AI690974, AW088619, AW949727, AW814747, BE900714, AA403287, AI889156, AW814748, AW129598, AI683118, BE207596, AW328600, AI887762, AI610835, AA481380, N56708, AA481367, AI745462, AA436422, AA488506, AI925227, AA424928, AA488375, AA291206, BF854548, AW025142, AA436437, AI193004, AA191102, AA191618, AA425789, AA179594, AW814623, BF854596, AW328384, BE206324, AA429456, N91535, AA429409, BE206635, AI168355, N93766, AA410861, BE019724, N34948, AW173364, AA406034, AA132971, AA635680, AI873874, AA114122, AA902581, AA402655, AW439590, AI014384, AI805735, AW102991, N95256, AA181711, AA235638, AA179386, AA588888, AW945261, R70421, AA937052, BF111064, W24495, AI432991, AI688841, AA453901, AA292794, AW043790, AI742119, AI819826, AI589144, AA182646, AI033708, R35071, AW878037, AI127889, H02585, H02673, N44015, AI083623, AI167896, AI093391, R27127, AA402674, R69440, R24530, AA188983, AI126803, AI796496, AA179593, AI687841, T29279, AI874368, AI874089, AA995647, AI129225, AW005198, AW950250, AI612969, AW016758, AI041739, AA775666, AI198246, AW051259, R35070, AI919412, R24517, BF510671, AA188982, AI806083, R26895, AW024209, AA026820, N29700, AI669245, BF446304, AA669286, AI381870, AA191233, AA033732, AW814836, BF854598, AI868567, AA489419, R26659, R24635, AA114278, AA974642, AA706808, AW814634, AA489361, BF820587, AA191534, T80757, R24620, AI340025, BF445525, BE466179, AI356663, AA626873, M28099, X62753, J05013, M25317, U20391, M86438, M64782, AF061256, AF096319, AF219904, AF137374, Z32564, AF137373, Z32633, J02876, X69516, U89949, M64817, AF000380, U02714, S73490, S73474, AF000381, U78794, U78793, AL050348, and M35069.
HAOSD18	324	100260	1 - 1536	15 - 1550		AL515847, AL534208, AL537762, AL535078, AL521408, AL534660, AL534167, AL519104,

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HSCLR05	327	100280 7	1 - 980	15 - 994	AI700438, AI796647, AI824691, AI829972, AI865678, AI915175, AI928522, AI969992, AW026267, AW131547, AW198186, AW261952, and AW276716.
HVVAO74	328	100281 1	1 - 1150	15 - 1164	AW963399, AI609934, D80029, AW102867, BE672203, AI745441, AI472112, AI041677, AW439716, BF092701, AA838613, AA962296, AA828728, R98102, AA834893, H54015, N50938, AA043772, R83194, AI221967, H68772, AA372063, AW900696, R98103, W93231, AI183613, AA371856, AA861294, Z21092, AA431494, AA043771, H54171, BE878252, BE765324, BF683734, BE766646, AA424498, BF092669, and AK000435. AL517746, BE314392, BF685767, AL517745, BF663864, AL527798, BE901139, AL526086, BE732253, BE730581, BE273465, BG033928, BE274994, BE793389, BE735117, BE736161, BE274909, BF025763, BE797068, BF793676, BE795151, BE276067, BE799798, BF568859, BF797444, BG031038, BE901143, BG027437, BE898049, BE733741, BE731033, BE797663, BE730448, BE904242, BG180030, BF058792, BG036034, BF025707, BE410862, BE618538, BE547475, BE728447, BF568805, BE281217, BE270552, BE791501, BF032884, BF983027, BF679076, BE389168, BE880439, BE409460, BF528780, BE795806, BE275489, BF685111, BE275834, BE880404, BF662872, BF305445, BF027645, BF306589, BG032276, BG025207, BF686113, AW960462, BF568562, BE262720, BE883448, BE785807, BG249555, BF791670, BF686641, BG030409, BE276910, BE259215, BE382696, BF037141, BE794633, BE276938, BE266608, BE389026, BG034257, BE732487, BE276779, BE790192, BE268263, BE909056, BE729122, BE728799, BF128006, BE872841, BG031367, BE900561, BE268310, BE410738, BF854010, BE388364, BF568658, BE018670, BE514363, BF237574, BE886108, BE387313, BF308798, BE267700, BE389685, BE385517, BE389304, BE296678, BG116916, BE618919, BE909775, BE267922, BG231768, BF573426, AA075347, AW954753, AW249908, BE279555, AW247787, BE387389, BE311424, AW674345, AI924518, BE881839, BF854355, BF854139, AA099137, AU150900, BF858145, AW085546, BF858158, AA810641, AI094712, AI983831, BE208512, BE537365, AW848677, BE543319, BG111959, AA121335, AA776475, AW162889, AA768161, AI985750, AA075600, BF127877, BF858133, AW104662, AI587554, AA832303, AW974204, AA827218, AW072974, AW732057, AA782428, AI818506, AI923790, AW073752, AW262769, BF925345, AI094923, AI683905, AW512935, AI289229, AW305043, BE042722, AI276197, AA806259, AW512367, AI493600, AA569388, AI346741, AW475015, AA946821, BF515131, BE798771, AI432816, AI263880, AW302618, BF063047, AI744754, BE939146, AW439553, AA629031, AA009635, AW007234, BE350557, AW674453, BE336843, AI538381, AU149699, AI274098, AW966999, AI440437, AI799716, AI127260, AI799164, BF303754, AA554181, AA554976, AA253120, AA761082, AW089894, AA554583, AI344421, BF962198, AI749787, AW193957, AI707869, AA903212, AI311788, BE538355, AW246180, AA826402, AA631886, AA280597, AA206821, AI300392, AW163603, AA995293, AI245900, AW769752, AI749149, AA847378, AA253380, AA281999, AW575857, AI357033, AA653882, AA679720, AI936832, AA253406, AA992132, AI245858,



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HVVBI81	329	100312 6	1 - 1033	15 - 1047	BE562883, BE733460, BE731242, BE616471, BF184098, BE614999, BF124993, AW161042, BE732247, AI720002, BE735398, AW963989, AW007333, BF529351, BE614720, BE909977, BG168999, AW001354, BF105923, BG034355, AW163527, BF439955, BF982101, BF698001, BE885275, AW474669, AV763438, AW945186, AW055293, AI608832, AA577204, AW130759, BE885816, BE350922, AA280097, AW517232, AA404292, BE395053, BE273672, AW007233, AA569806, AW769131, BE281579, AI827062, AI127609, AA176848, BE378887, RF341546, AA780006, AI335990, AI141330, AI149137, AA847806, AI031744,

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HVVBK18	330	100315 5	1 - 1070	15 - 1084	<p>BF305151, BE735037, BE747506, AU142350, AW007738, BF969509, BF237675, BE536135, BE887112, AV762678, AI189162, BF304178, BF685859, BE904945, BE910235, AI831230, BF796121, AU129499, BG028749, AU129917, BE253409, BE383400, BE786396, BF038236, AU126872, BF211966, AW151710, BF794652, AI025755, BE791012, BF308698, BF573136, AI828932, BE791105, AW131497, BE350874, AI680282, BF345258, BF215074, AI581180, AW778828, BE567149, BF103688, AA706900, AA583905, AI185849, BF184091, AU123046, BG113431, BF382100, AW664218, AA737763, AI338605, AI672800, H97858, AA479594, AA482100, BF242491, BF107188, BF215495, AI262005, BE865968, AU127161, AA443583, AA480133, AA393815, AV662236, AI002710, AA722765, BE536238, AI831666, AA477032, AU151980, AA878562, AI142353, AI689584, AW276192, AI567125, AI015877, AA862947, AI580858, AW993389, AA284572, AA862518, N35547, BF928258, AA492405, AA284877, AA152127, AA131821, AA476920, AI833193, N28814, AA243320, AI243915, AI304511, AA293499, AI342052, AA132004, AA293112, AI140958, AA443648, T56244, AI281588, AA453009, AI863847, N53065, AI186249, AI312511, AA761708, AA865831, AI272898, AA131997, N44572, AI206382, AI220411, AA490063, N23342, AA962083, AA150044, BG059293, AI591408, AA534684, AA630630, AI935160, N99371, BF573103, AA477433, AA669307, AA393918, N26856, AA865189, BF941869, BF673621, AA099578, AU149842, AA774040, AV721930, AA912358, W39527, BE247542, AV741784, AI766710, AV755538,</p>

					<p>AI025557, H96778, AA150121, AI028641, AI832740, BF306716, W15414, BG257198, AA398206, AU149647, BF765307, AA878090, AA916218, AA826985, BF131025, H79091, AW026984, AV735966, N71988, AA833515, AI127245, AV760892, AU119782, AW379902, BG006074, AA772963, AA669323, AA399096, AI147346, BE245986, AW627799, R06791, R34078, AA737015, BF841463, BF326591, AV715148, AA470620, AA263115, AI902675, AW439196, H96331, AA664933, AA730617, AI199928, BG113662, H26509, R34077, BE908471, T56387, AA375860, AW262878, AI301668, H47214, AA489908, BE696171, T98663, H47117, AA150029, BF341798, AA582630, AA365888, AA951549, AA354108, AA304828, BF355610, T98719, AI351714, T46947, AA353826, AA649575, AI186428, AA385345, AA558021, BF819254, AA243319, BF934697, AI066528, T46948, BE971394, BE535580, AW197923, AI673807, AA502983, R24695, BF667213, BF696052, AU076967, H37829, AW362129, BF664847, BF772902, AW903447, BE938645, AW903384, AA199858, AW882107, BE835971, AA091551, AA131831, AI022011, H37883, D26599, D21799, AF060090, AL354864, and AL157951.</p>
HOFMS19	331	100322 2	1 - 420	15 - 434	<p>AW629632, BE906747, AW238814, BF244456, BG035566, BE896159, AL523247, AL526987, AW161580, BF034231, BG110736, AL525505, AA594515, BE350096, N74741, H91423, N35197, Z72000, D83745, D64110, AP000432, AF087037, and AP001670.</p>
HSCLM55	332	100322 4	1 - 1080	15 - 1094	<p>BF036860, BE874607, BE613153, BF131283, AW024416, BE218012, AW662566, BG033319, BG178742, BE677139, BF038607, AW992000, BE697884, AI421202, AI434791, BE857176, BE858592, AW960360, AI309982, BF752463, BG122649, AW572665, BE697883, AI769534, BF432791, AW473625, AI393963, AI378930, AI492647, AI769524, AA953114, AI380180, AI420285, BE884521, BE697886, AI805717, BE697879, AI077552, N26060, AI678958, BE205797, AW627557, N40424, BE790024, BF110838, AI190662, AI613423, AA976041, AA581509, AA776498, AI268866, AI291641, AI289100, AI208759, BG113949, AW466940, AA278467, BG121150, AA665834, AI341899, BF940423, AA315414, BF752452, BF823045, BE765726, AI671697, AI961637, AI613432, AA989174, BE813958, BE765666, AA235080, BF438697, BG171186, AV739357, AW802718, AI127470, AA603717, R80986, AI085843, AA235209, AA993834, N80556, AI160297, AA421270, AW863774, AA187209, AI205566, W39334, AW277106, H59979, AA045407, BF752395, T75129, H09069, W52459, AA503424, AW971006, F10405, BE005409, AA421317, W52458, AA723427, AW189559, AA045301, H09070, AA256210, AA503121, BE826023, AA921301, AI819232, BE831073, BE831048, AW956475, AA303086, H23150, H81373, BE831070, H23151, AW593442, BG166357, W15379, AI003129, H57853, H80453, AA587453, F12797, BE831071, AA811971, BE091742, AA379841, R80786, AA737085, AW029021, BF752382, R38552, BF354290, BE150019, T48991, BE831072, BF195285, AA503131, AA256353, F17470, AI424220, BF965507, BE929386, AI431521, AI038986, T48990, BE932245, AI381715, AI424511, AI569722, AA835425, AV757066, AW997044, BE143663, AW337583, BE065144, AA558437,</p>

HETJU23	333	100370 6	1 - 2214	15 - 2228	AW269615, D20475, AW016289, AI795986, AW996815, AW603108, BF334971, BF334967, BE784335, BE897879, AV721229, AW881505, BE699148, W07679, AL050215, AF151801, AC004983, D89937, and AX026138. AU125582, BF338909, AV721101, AW960032, AU149216, AI479301, AA551070, AI765789, AI888129, BF689666, AW300579, AI561067, AI952933, AA699496, BF851750, AW631269, BF223599, AA977132, AW003323, AA227895, BF056547, BF056388, BF851745, AW628961, BF851053, AI499649, AA227595, AA557146, AA005279, BF999437, AI124737, W88953, BE139597, AI866470, BF690562, AW392978, BF849227, BF999431, AA524236, AA992176, AI817652, AI933331, AA005195, BF999425, AI381813, BE221278, F36543, AW087421, AW167326, F30327, BF850865, AA953702, AI242910, AA367411, AI363751, BF834497, BE048256, BE708177, AW379838, Z42044, AI351935, F01568, BG055860, AI691123, BF772332, AI783542, AI131405, W05190, AV702728, AX040389, AX040390, AK022692, AB033104, AL133630, AX040393, and AF200815.
HNOKB73	334	100448 0	1 - 1202	15 - 1216	BF672055, AI828433, AU145153, AI909113, AI831421, AW471345, AI909126, AI922310, AW511425, AW151865, AA861631, AA993238, AI909131, AI688870, AI922300, AI310077, AI620982, AI272867, AW628057, AW057746, AI623341, AW117681, AI267991, AI818511, AA487193, AA291847, AI222864, AW190743, AI914551, AI692825, AW189277, AW304917, AW055334, AI278911, AA661670, AI969389, AI909123, AA894780, BE049422, AI453695, AA911888, AI571659, AI862021, AI621161, AW627585, AI569192, AI624941, AI571426, AA194152, N67602, AA688382, BF857139, AA486838, AA291725, AW263429, AI653841, AW020368, AI453306, AW090321, N64130, AI279927, AI249255, AI926018, BF884826, AW390274, AW294466, AW361842, AI696774, AI275762, N45716, AW089415, AI262331, AI811607, BE939116, BF750734, AW608182, AI624961, BE939114, AA367257, AI687265, AI698996, AA297958, BE937479, AI701193, BF744029, BF858828, R82992, AI909128, AW167711, AW198062, N48994, AI866006, BF882878, BE940672, AW816180, BE818295, AI909134, AA194103, AC018634, AF026692, AF117709, AF140346, and AF012891.
HODFB06	335	100458 3	1 - 748	15 - 762	H99646.
HODJA76	336	100461 9	1 - 447	15 - 461	AW977567, AA907333, AA814897, AA836609, AC005567, AC002565, AC005480, AL356299, AC005520, AF000066, AC073593, AC005736, AC002394, AF196969, and AL121890.
HODJY60	337	100462 5	1 - 2212	15 - 2226	AL515853, AU133237, AI654122, AU126018, BF058308, AV725133, AW183152, BE671606, BG253097, AI948488, AI950097, AI927294, AW969418, AW275334, AI076608, BF940262, BE531180, AI417857, AI952810, BF959274, AI417041, AI420844, AI379187, AA723579, AA913702, AW394103, AW949335, AA393920, BF979295, AI093193, AI313185, AU129447, BE253357, AI017439, AA313310, AI590307, BE890745, AI346472, AA962778, AI276140, AI985266, AI336030, N98729, W96013, AI299081, AI092621, AA233883, AA232829,

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HPMLN08	340	100463 2	1 - 1380	15 - 1394	BE709782, BE832694, BE709778, BE707630, AA430593, H80277, H80291, A1652995, BF383125, AA193566, AU158293, BF747189, BG260723, AA243826, BE491960, AW063724, BE222441, BE502344, AA164268, BF196258, BG170263, BE932825, AA508073, AW294783, AU155794, AJ819266, BE169617, AI468739, AI082255, AI417116, AA385339, AI382168, AI701563, AI031661, AI436306, AW576939, AV715887, AI709346, AW195764, AW044458,

HODEH08	341	100463 3	1 - 364	15 - 378	BF002627, AI802164, AW340159, AA479123, AI224847, AK023738, AK023448, and AF113697. W44489, BF344927, BE385927, BF683337, AW406647, BF214121, BF671254, AW248978, BF675993, BF791283, AI083656, BE783427, AA340719, BF038972, BF907681, AL523352, AV697332, BE791818, D31255, AU127744, AA370162, AA488592, BF027044, AL523351, BE513340, BE270073, BF446423, BE397826, N27234, AI582770, BF095260, AA410725, AI817900, AW799742, H29999, AA331358, BF675835, AI580242, AA358813, AA370640, T97410, R07253, BF210442, AW248314, N33990, N25001, W56853, N33751, AA360045, AA371439, N28848, AA344067, BE813738, BF680023, N27913, AK001410, AL136131, AF114816, AF114817, Z59378, Z64078, Z64079, and Z54696. AW960487, AW170566, AA463471, AI590283, AI479619, AI356285, BE671701, AA443030, AI279424, AI475890, BF948785, AW105033, BE646579, AW469714, AA282026, AI870381, AI692574, AI357242, AW135396, AI306543, BF929181, BE856482, H24386, AA055932, AI125211, R60550, AI934615, AI979010, AA902204, AA557305, AI860938, AI566567, AI420407, D31141, H24399, AW136075, AA913241, AA055381, AI251746, AI249885, AA722942, AA328301, AW204848, AA748866, AA324275, AI698815, AA524094, AA729225, AW206983, AL041606, AA902634, BF091853, BF086880, AW137312, AL041448, AA865160, AJ009770, and AF069736. AV761433, BE328286, AV658560, AA468371, H52948, AA297662, AA419107, AA419014, BE545345, AA904211, AA313075, BF927768, AI268019, AA194858, BG057757, AI344962, AA644571, T74524, BG169404, AA468505, AI801563, AV754716, AI887235, AV720672, AL096791, AC008745, AL022238, AC009477, AC003982, AC008989, AC002477, AC006064, AP000511, AP000167, AC008623, AC020908, AF165926, AL138807, AL157877, AC006026, AL121890, AL109627, AL109963, AC020552, AF254983, AL354720, AL031662, AC005822, AC011497, Z97985, AL049834, AL136170, AC005399, AL157838, AC005102, AC008753, AL159997, AC002350, AC005829, AL136000, AC004166, AL163201, AP001719, AC004685, AF168787, AL031281, AL031282, AC008764, AL022163, AL133448, AL022316, AL135744, AC010328, AC022150, AC006088, AL160231, AL078461, AC008569, AC006538, AC008372, AL049643, AF111167, AL138752, AC006312, AC005914, AL162430, AL109825, AP001660, AP001711, AC005529, AL136418, AC004821, AC010636, AC002511, AC019227, AL109806, AC011442, AF196779, AC004125, AL031121, AL050335, AP001727, AC020754, AL050307, AC009314, AL137783, AL121748, AC018720, AC004840, AL163249, AC006329, AC005052, AC011895, AC005412, AL008718, AL009051, AC006001, AC005089, AC009470, AC011477, AC005726, AC008784, AL034379, AL133246, AC004033, AC021999, AL109804, AC022407, AC004983, AP000512, AL031291, AC006101, AL022476, AB023048, AL117258, AC007193, AC007383, AL157776, AC010363, AC008521, AC007021, AF190464, AL138832, AC016543, AP001748, L44140, AL139100, AC004890, AL355094, AC004895, AC002302, AL117694,
HEGBF25	342	100463 5	1 - 1333	15 - 1347	
HODJB51	343	100464 3	1 - 441	15 - 455	

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HODEC38	344	100464 8	1 - 2163	15 - 2177	AA461384, AI638162, AW974192, AW157286, AA702534, AJ003425, AW161799, AA701970, BE258604, AW162461, AI692285, AW265397, BF110566, AW163084, BE504104, AI126148, AA158404, BF110968, AJ003426, BF436206, T78960, AA573177, AI934177, AW163340, AW161342, AA158501, AW160450, AA476353, AL527124, AL523845, AW385571, BE620912, BF347756, AL524949, BF965010, BF835996, BE620514, BE392373, AU127111, BE925487, AI207818, AP001759, AP001469, AK026578, AB005543, AB011144, AJ010089, and AK001370.
HODIQ24	345	100466 0	1 - 3410	15 - 3424	AU132377, AU132354, AU137607, AU120802, AV725435, AV725504, AV727393, AI907846, BF431871, AI971541, AW956982, BE542598, BF977694, BF218040, BF194954, BF572088, AU152685, BE468132, AW274295, BF326712, AV728832, AI290910, BF696191, AI458284, AA918601, BF132210, AI299489, AI306415, AA947581, AA042992, W35163, AA779334, AW470321, AW028573, AI625411, AA255546, AA451702, N40098, AA115015, BF431827, AI248585, N24288, BF087866, AW138804, H84453, AA885588, AI637730, AW970127, N32948, BE464747, AI631137, AI638290, AI637904, AW470388, R52158, R85459, AV704648, AW295739, BE719830, AA514606, BE714126, BE813424, T71262, AA708740, AU156698, H50037, AI085037, AA256661, AI587226, BF821343, AW169353, R23147, AA115014, AU151591, AI701772, AA493555, H98720, BF845314, D81437, AA946917, AW168776, D80972, AA368643, N27158, AW805841, AI922080, AA931683, AA977047, W20387, AW130610, AA247897, BE827896, AA962286, AI217571, AI702845, AA975966, AW002803, H49993, AI002410, BE964392, AA042824, AA902321, H84454, AI918223, BE813423, AB037840, AK001495, AX034574, AK001892, AX009324, AX009323, AX009319, AX009322, AX009321, AX009326, AX009318, AX009317, AX009325, AX009320, AX009316, A91748, AI656001, and AI656713.
HVVDD56	346	100488 7	1 - 2637	15 - 2651	BG120635, AA643174, AI621233, AW978320, AI309847, BE813594, BF594198, BF208601, AW080955, BG249103, BG249038, AU154737, AI912367, AI969341, BE813560, AA083478, BF093613, AI249906, AA720586, AA808246, AI375180, BF131476, AA702882, AI356456, AI082207, AW951861, AW026304, AI378093, BF922917, AI275444, AA534350, AI074286,



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HTHDV01	347	100495 0	1 - 2166	15 - 2180	<p> BF343723, AI971257, AI922196, AI810067, AA932024, AW195330, AI207838, AV722680, AI346751, AV758001, AW608044, AV713548, AW073373, AW009706, AI590359, AV717241, AV714666, AV687702, AI891081, AI672451, AV649298, AV722097, AI381534, AV652022, BE220350, BE048347, AI573282, AW874080, AW024264, BF337994, AW874253, AI870222, AV760953, AI685727, AI627992, AW360985, AW607239, AI784604, AI950829, AV652082, AI925643, AI962991, AV722223, BF855049, BE046054, BF691186, AV717072, AV720361, AI885957, AI017462, AW664593, BF526890, AI925005, AA843677, AV693121, AI634947, AW770406, AI697419, AA477579, AW316704, AI248184, AA442759, AV713149, AI801820, AI982678, AI972075, AW662094, AW513222, BF854957, BE840522, AI701954, AV697674, AW276098, AA401957, AI460284, AA932526, AI570388, AI453821, AA662536, AI800205, BF853617, AA922678, AV759269, AI005625, AW510478, AA576407, AV747778, BF853756, AI469437, AI261318, AI799500, AA878863, AI889320, AA947992, AI624670, BE840523, BF854954, AI985773, AA746085, AW022137, AA583463, AA514238, AW750674, BF854908, AI610837, AI623966, BF901154, AA566089, AA507952, AA428304, AW805573, AW794742, AA429721, AW768483, AW518282, AI272071, AW845414, AW873164, BF063059, AI537788, AW024169, AA485546, AI373585, AA745909, AW960245, BF853826, BF854206, AA996237, AA837997, AI268596, AI074096, AA496403, BF678821, BF854956, AW794752, AI557549, N67917, AI659705, AA284642, AA887178, AA280404, BG222536, AA985597, AA496353, BF914755, AI268601, AV758482, BF055969, AI954543, AI278945, AV717009, AI356974, AA505878, AW996924, BF477592, BF724668, AW243755, AA620979, AV755843, AV757256, AW022260, AW022208, BF854906, AW877772, AV656426, AW020000, AV654223, AW372625, AI348684, AV742513, AV756665, AA617991, BE940601, AI630329, AI537593, BF828311, BF913462, H30122, AA77812, AA844283, BF914742, AI244382, AA290764, BE041558, BF829019, BF829005, N66497, AA864382, AA757380, BE813852, N23726, BF880804, AI857753, AI479529, D57403, D57829, N68137, AA631437, AA351062, AV734554, BE697034, BF378599, AA937471, N36944, D57395, BF093861, AI557550, AA975329, AA249247, AL134796, H63166, AV658281, AV656501, AW118330, H27631, R79476, D58166, W95944, AW805669, AW021936, AV744824, AV733262, AV725042, BE176841, BE814031, AV654387, BF828021, AW021706, BF476645, AA618186, D58096, AV749166, D57778, BE929600, BE938157, BF357923, N23730, T27640, D57449, BE174681, AI245094, AW579397, D57757, AA040944, D57518, AI678887, D57468, T27639, AW939698, D58277, AX014320, K00650, I96207, AF111167, X06769, V00727, J00370, AF033012, AI132510, AF061881, M37000, M18043, AB022276, AB020214, AF069515, Y14808, Y15747, AB022275, AF029166, AX010026, S60557, D12551, I24430, AR040781, S65140, T61093, R10192, R10215, T97774, T97881, R13148, R31511, R32943, R33906, R33921, R37053, R44148, R49880, R44148, R74449, R79209, R84834, R85530, R95977, H71003, H71015, H83387, H83388, N36936, N52416, N62388, N72823, N73801, </p>
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HVVDI95	348	100515 3	1 - 1286	15 - 1300	<p>N99428, W74016, W74018, W96348, AA018712, AA019816, AA020837, AA020879, AA470397, AA493243, AA515358, C03207, C17030, C18106, AA174191, AA402051, AA434146, AI093633, T16515, F01435, F01912, D45546, F05184, F07701, AI244117, AI59806, AI567603, AI695592, AI858769, AI933993, and AW337322.</p> <p>BE744159, BE735588, BE562290, BE543899, AV703356, AW951513, AI869315, BE397694, BF344590, BE222785, AA147088, AW888880, AI421559, BE048028, AW131473, BE904977, BF593805, AI860630, AA307132, BE693231, BF195558, AI859194, AA554706, BF848110, AA779596, BE671642, BE671636, BE772850, AI817963, AW131732, AI131006, AI131235, AI298506, AW360926, AA132115, M79142, AW085550, BF827911, R32144, AA996236, AA827499, AW961823, BF847182, AI864171, AI810869, AW083177, AI279054, R21586, AI683076, R32143, R49059, AI682910, AW959257, BF340401, N48917, BE764109, W07596, H03637, T32822, AA902240, AI951120, AI302680, AA031941, AA555053, BE502039, AA557656, AI795815, AI874400, AW806659, AW020184, AA318860, AI909782, AA327450, AV655438, BE242543, AI935791, AI702044, AI913289, BF432516, BF848050, AA132349, R49185, R33114, AI948650, F03268, N46415, AI419183, T29712, AA147145, N20886, HI19201, AI539258, BF739937, AA904255, AI356503, BE140381, AA348337, AW806516, R62224, H03636, BE220594, AI636387, AW515881, R33262, AW166586, R64601, BE328664, AW016275, AA581451, N78707, AI915762, BG117733, AI540261, AW997810, AW889502, AA319725, AA985516, AW169409, AA319821, BF340433, AL118620, AA348452, BG058342, AI962093, BE719358, AW883253, BE719354, BE885116, BE735840, AC000395, AB037729, AK000242, AK024575, AF295773, L07924, L07925, AF295780, and U14417.</p>
HODIY29	349	100523 6	1 - 2101	15 - 2115	<p>BF850023, AA904772, AI936458, AW328025, AV751671, AW629145, BE695496, BE695579, AW024363, AI119859, BE695471, AI349413, AI341534, BE695595, AW511051, AI218318, AI087061, BE695610, AA609271, AI366723, BE695599, BE695474, AI093675, BE695613, BE296186, H58337, W03883, AA279464, N65952, R91414, H78868, AI630666, R70876, W79400, AW382181, AA362029, BE895116, BF089826, H28788, AI480262, AW117400, H58726, W79513, H80111, BE764221, BF365918, BE068813, BE695504, BE695512, BE764265, BE695494, H63582, H63540, BE764277, T05675, H28762, H66903, H66858, BF365940, BE764232, BE816201, AL079551, AL079533, AA094526, N94211, BE271751, BE768528, AU126895, BE816196, BF331621, BE764248, AA279129, R15357, BE783140, R17312, AW805680, BE545692, BE778796, BE764309, AI783879, AL079534, BE695609, BE774755, BG170522, BE695566, BF875922, BE708280, BE695475, BE695472, W42817, BE815092, BE768557, AI567131, BE695450, BE695612, BE695598, AA091206, AW837053, AU128777, BE816203, AW887482, BF305224, BF918481, BF968385, T77720, AA568428, AF139897, AP001717, AP000114, AB028942, AP000303, AP000304, AP000046, X63071, X63753, X63754, X71604, AL356276, M36428, AF193607, AF193597, S47241, AF193600, AF193598, and AF193599.</p>

HOELP29	350	100535 9	1 - 1308	15 - 1322	AL530557, BE791049, BE618996, BG257624, BE731913, BE886771, BG114069, BG116664, BE856856, BF797021, AI741539, AA877855, AI800932, N32038, BF432001, BE898057, AI694373, AI808071, AA262486, AA903806, AI138931, BG255537, AA468735, AA470769, AI138466, AA954750, AI151371, N29514, AI189798, W49771, AA814845, AI183296, AI357130, W70171, AA280787, W69944, AI186447, W69834, AI499111, BE908525, AI086208, AU129984, BG025691, W69906, H87149, AI469927, AW971625, BG250733, BF325889, BE141551, AL527393, N57458, BE696978, BE696980, AA035645, BE891620, T48534, AI188861, AI160592, AW516114, BE327105, W30843, BF745219, AI619930, BE763528, D78335, AB030700, and AA280793.
HWLFG04	351	100538 4	1 - 1040	15 - 1054	BF309040, BE727908, AW080447, AI813764, AW156901, AI624222, AI954032, BE727602, AW473780, AI861975, AV711593, AW511541, BG117850, BE892765, BE301686, BF941321, BE727148, BE877682, AA669760, AU136925, AA604124, AI186207, AI951492, AI016700, AI125916, AA081009, AI673719, AU160400, BF211379, AI173953, BG033959, AU146424, BG164551, AA666305, BE873924, AI100874, AW304292, AW471151, AW513002, AI580161, AI078833, AW068925, AI811621, AA666358, AA534849, BE786612, AA662226, AI432440, BF732965, AU150305, AI139223, AI130980, AU155685, AA707346, AA724885, AW474759, AU157841, AI120428, AV711263, AI141060, AI244874, N66401, D53110, BE834286, T57109, AI288812, BG104684, AA099214, AU156023, AI537130, AI167469, AW263441, AA173643, AU157341, AA187544, AI357914, BF084240, AA938617, AA632832, AA157933, AV714164, T33607, BE834321, AA807994, AI381658, BF086680, AA634268, AA315460, AA224251, BF086663, AA557374, T90497, AA639802, BG117431, BG118933, AA826543, AA551431, AA282337, BF726089, T69431, BF981803, W28397, AA948655, AI128023, BE727393, AA256923, AI130975, AA565098, BE728536, BG029544, H89626, BF882766, AA872943, T36145, AV748147, AA632190, AV704174, AA330174, AA130436, AI686635, AA130437, AA076099, BF086506, AA729737, AV392904, T92925, W04825, BG253169, AW802882, AA009665, AA356814, AI263840, BF211293, AA070450, BG166290, AA810386, AW392890, AA235380, AI954229, AA041269, AL520247, AA481985, BF215385, AI744430, AA928912, AA731542, AI208724, AA777668, T90593, AA887638, AI559330, AI801006, AW975764, W46171, R86972, W44443, BE928509, C02751, T25894, AI581770, BE168358, AA084634, AA358962, AW392839, AA771848, BE764142, AA894945, BE182212, BE543242, T10776, AW392836, AA394224, AA878485, BG168089, BE163936, AI582590, AA197336, BG180181, AI833003, F35679, AW768788, AW190598, AA398137, AA481889, BF726929, AI826585, R27279, AI557490, BF061257, AV702131, AI766834, AI033007, BF738475, AI811690, AA627813, BF086524, AI241386, AI248407, AW820874, T93041, AW392848, W46535, AU120330, AI096806, BE876198, BE890386, BF913319, AU137916, AI833030, AV751052, F23284, D25873, BF082805, AW852076, AA301281, AW959407, AX014875, AX017985, AF090891, U33821, AF268075, AK000098, and AC004549.

HYAAC49	352	100551 1	1 - 769	15 - 783	AU139442, BE569198, AU135922, C75131, AV718280, AW390194, BE865872, BF240773, BF571465, BF183939, R24772, R14521, BF184986, AU127909, BE380148, R35572, AA385863, BF795902, BG115301, N83156, BE560295, BF243095, BF805901, BG037006, W86403, BE890587, AA322376, AU128221, BE885883, BF218257, AA447000, BE171121, BF240001, BF666929, BE886808, AA496772, BF830589, BF102486, BE548882, BF211322, BE154533, BF434758, AI983937, U87166, AF001628, AF260262, AF006516, AF176784, UI17698, AJ277071, AJ277068, AJ277067, and AJ277069.
HCOOA71	353	100584 3	1 - 680	15 - 694	BG032088, AW674754, BE793744, BE301427, AW001177, BF796457, BE222626, AA676823, AW245046, AI742447, AI086381, BE382943, AI038253, AA631108, AI432174, AV740792, N36161, AI354418, AI138537, AI435564, AA622991, AI432169, AI288565, AA412597, AI298942, AI628257, AA769383, BE731107, BF025815, AA262361, AI333049, AW138279, AA489757, AA426358, AI185088, AW071200, AA678330, AW974396, H81770, AA383464, AA325218, BF663601, AI826476, AI570948, AA758452, AI659519, AW975605, AA953294, AI351414, N94604, AI086406, AI858778, BG222816, AW474212, AI351407, AW328179, AI201546, AA426521, AA649981, AA700598, AA489649, AI085660, T99013, BE770129, BE770165, BE387301, AA827478, BE770154, AI382758, H29471, AW629408, AA852445, AA559102, H99900, F18425, BE018615, AA377901, AA714184, BE792052, BF932098, AW797213, BF898501, BE302202, R07444, AA359193, AI797445, AA639044, BE206518, AA357798, AA648070, BF765959, BF768917, AA094140, N57963, AW361814, AV744851, BG222117, AI745563, BE727188, BE170556, BE407088, BF305624, BE513977, BF129902, BF845366, AI795892, AW363952, U46389, AA357516, AA373724, AI401076, AA357714, Z96932, AF116691, I89947, and AA232683.
HOUFB45	354	100597 4	1 - 866	15 - 880	AI825882, AI696873, AI738563, AW103989, AW613147, AI268306, BE793730, AW770856, BF061575, AW051548, BF739812, BF958201, BE273154, AA858218, AI090497, AI075184, AA815445, AI381954, AI284912, AA235085, AI571911, AI218189, AA885429, AA626489, AA922962, AA424585, AW078477, AI832643, AI743823, AI221668, AI690707, T34988, AA769343, BE348685, AW769161, AI952634, AW452891, AA976512, AA687740, Z40231, AA235212, BE246574, AW572211, BF797899, AI014979, AW603755, T82196, AI766582, AI915196, AW078592, R43900, AI869134, AI524517, AI635964, T35732, N24554, AI866546, BE074731, R43261, T32374, BE265660, AA206547, F01511, AW079587, T82197, BF530913, AA235496, AW450279, AA625573, BF337280, AW979330, N33999, AI312812, BE273206, AA693982, BF927110, AA400118, BF892007, BE874163, BF814420, AW262593, AI471271, BF892003, AI003314, BF904265, BE965707, AI174819, AI344935, AV712612, BG257545, BF934149, AA64847, AB002328, AF072441, Z92546, AF000353, AL390166, AC009361, AF061947, AF308801, Y09972, AF130110, AL049430, AL050389, AF056194, I46765, AF090900, Y12226, AB029066, AL133028, AL133015, AK000502, AK026104, AF151076, X63530, AF114168, AK027114, AK026600, AF175903, AF177340, AK000285, AF124435,

HUSJ14	355	100601 8	1 - 2396	15 - 2410	AB052191, AF202636, Z48796, AK027200, AX015416, AK027137, and S69407. AU125044, AU125106, AU124136, AU132115, AU142302, AU123505, AU128772, BG259270, BG104503, AU127066, BE877587, BF102972, AW961540, AI819062, AW137042, AA218870, AW268435, AU159649, AI914414, BF571164, AW965326, AW021609, AW859986, AW960460, BF667479, AW859994, BF571923, AI290998, AU132875, AI805453, N42226, AA453340, AI143590, AI961984, AW965469, AU133448, AA534880, AA805995, AA478879, AA315171, AA478622, BG250380, H10486, BF910659, AW083409, AI279728, AA022968, AI859003, AW820411, AI971338, W27642, BE940037, R35417, BE940013, AA810040, BE940009, AA909119, R71284, H30337, AI743639, T17061, AW820415, BF913401, BE698731, H97022, BF243145, BF002853, AW604825, R13747, BE174730, AA332955, AA600911, AI086130, T87426, AA330024, AI092372, AJ239430, AA461371, C01331, AI224398, N41982, AW752484, AW752492, AW051138, R14406, AW452485, AI439708, BE694190, T99701, R08328, AA091602, R58882, R16157, AW500586, AI382652, BE934080, AA252088, AI061448, W27426, BF088818, R08381, BF088814, BE880142, AW820413, BF589424, BF229364, BF913396, AI620838, BF088832, R19923, T99096, BF229365, AU154390, AA327941, AA190558, T77110, BF356534, AA738469, BE856271, AI697789, AA588155, AU151002, AU148839, AI086357, N30259, AI624125, AI859524, AA464855, AA946796, AW470143, AU153720, AW368233, R44163, AI183953, AI092159, AI803728, AI418332, BE173781, AI038144, AW022885, AK022572, AK001676, AK001754, and AF052123.
HMCDB21	356	100605 5	1 - 556	15 - 570	BE464861, AI652330, H91834, BE703983, H91879, AA759248, AA769818, AW593481, AA902687, BE972738, AW235775, AI379370, AA974129, AF100774, X57477, X57689, X57476, X57688, and U79668.
HSDEY08	357	100614 2	1 - 1956	15 - 1970	AL537989, AL533695, BG170919, BF972004, BF345100, AW026975, AI937448, AL532622, AI806907, BE378539, BF967058, BG115124, AI869308, AI150559, AW007470, AW149368, AI360337, AI479472, AW411234, AI199048, AI199509, AI300927, BF341774, BF688178, AW511458, BE296272, AI655154, AI652153, BE270387, AI377853, AI609567, AF147181, BE295186, BE270395, AI500244, AW965710, AI878920, T06902, AA354921, AI027477, AF147185, BE295192, AW050894, R72213, BE858989, BF886588, AI703318, F05831, AA077697, AA077739, AA077344, AA076971, AA506828, AW885532, AA357567, AW885629, BE811342, BE773565, AW002991, H30179, AA077004, BE269771, AA077615, BE701815, R73305, AA077477, BF953004, BE811355, BF509539, AF147184, BG149726, BE773538, BE833501, AF147190, BF247437, BF090978, H45089, AA349590, AA077534, AA402202, AA405835, AA402203, AC021097, AC005486, and U66619.
HOOJT92	358	100621 5	1 - 2631	15 - 2645	AL044704, BE271772, BF796439, BE746386, AL044621, AI051986, AA127622, AL046283, AV702820, BG121331, BE746300, BG176577, BE747570, BG035456, BE857140, AA121525, AL044622, BE315418, BF796863, AA046983, AI038252, AL040929, BF431928, BF819832,

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HNORE03	359	100625 0	1 - 848	15 - 862	<p>AV700281, BF111882, BE58353, BF509559, AU144292, AI797616, AI911080, AI417220, AW592473, BF509133, BE677749, AW023813, BE465084, AI207263, AA393266, AA398669, BE173478, BG115116, BF792961, BF970768, AL043345, AI909697, BG179993, AI812015, BF343286, AW161156, BF133371, AV702833, AA641818, AW130930, BG105895, AI923989, AW161579, BE789764, AW827206, AI500061, AI572021, BE927769, AW051088, BG113188, BF814527, AL048656, AI859991, AV654374, AL047275, AI525653, AI567582, BF856052, AV757737, AL514093, AI783997, BG058150, BF527014, AV714085, AW132056, BG164575, AI863382, AI783504, AW020095, BF970652, AI434741, AI284131, AW118518, AI702073, BF895953, BE011880, AA814407, BE877467, BF905454, AI249497, AL040694, AV709522, AW162194, AL135517, AI536685, AV650703, AW983783, AI570807, AW071417, AW151136, AL514097, BF814357, AI564719, BE538997, AI620089, AA449768, AI288305, BE86844, AW983829, AI886753, AI933589, AW026882, AI635067, AI923370, AI868931, AW149925, BF924869, AL513937, BF812960, AI537261, AI539771, AI432030, BF812938, BF752245, AI612852, AI590630, AI886415, AI634251, AW148408, AI862144, AI433157, BG029829, BE545500, AI886123, AI499285, BE927743, AI472536, AW168485, BE880498, AW827103, BF812961, AI866090, AI620284, AL039086, BG029086, AI250369, AI445992, AI445990, BG261282, BG259763, BG260287, AI891084, AI866770, BF814420, AI633125, AL046618, AV682575, AW983832, BF812936, AI698391, AI627988, BG036846, BG256090, AI677796, AL079963, AI915291, AW152182, AI640729, AW022699, AW089275, AI582932, BF726207, AI889189, AI521560, AL514473, AI683128, AI890907, BF856017, AI473536, AW008166, AV741327, BF816037, AI824576, BG257535, AV682479, AW162118, AI862139, AI270183, BG033732, BG110517, BG109857, AL119863, BG164558, BF338002, AI815855, AW238688, AI670009, AI537244, BF814450, BG036614, AW834302, W74529, AI525669, AV759831, BE963838, BE536058, BE964614, BE785868, AL036403, AV682787, AW020693, BE620444, AW673679, AI523806, AI623941, AV734318, AI537677, AI971615, AW051059, AV758477, BE546870, AI860003, AI868204, AV735353, AL048323, AV760409, AI919534, AI648684, AI150993, BF245586, AL513991, BG113299, AL048340, AI863321, AI368943, AI624293, AI284517, AW302988, AI889376, AL047422, AL037030, AI345745, AL036631, AI286256, AL513775, AI269862, AI873644, AI440448, AL513817, F27788, AW192652, AI863191, AI802542, AL514919, AW827249, AI432040, BE047852, AI242248, AW083778,</p>



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HPCTS21	360	100631	1 - 2644	15 - 2658	BE738670, AW969031, BG033369, AV723811, BF185746, AA496142, BG167304, BF526442, AW071692, BF691470, BE219222, AI569569, AW411538, AA768873, AA496143, AA975521, AI286012, BE737698, AI476316, AW473390, AV719519, AW593323, AA714205, AW341557, AA451627, AI697737, BF515831, BF207441, AA504417, AI685337, AW301603, BF693927,

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HFATL31	361	100639 9	1 - 986	15 - 1000	AI808778, BG054989, BE857601, BE885329, BE881349, AW304934, AW962192, BE712961, AI880009, AI815709, AW163154, AA526969, AI150509, AW161293, AI146808, BE712850, AI088675, AA722187, AI990261, AW451154, BE712843, AW449490, AW161970, AA115532, AI983943, AI492618, BE712919, BF589503, BE712889, BE713004, AW162759, AA719439, M79223, AI804223, BF939296, AW972384, H97676, AA552629, R76719, H41614, D80207, T31248, AI796667, R75663, H13188, H13189, H18312, BF886117, BF762457, W23735, AA115533, AI203992, H97439, D56295, AI832722, W35334, AI432110, AA084432, AW157796, H18170, H40836, AI916646, BF977122, AW083168, AA602325, BF338333, BF131373, AI434123, AW880236, BF726099, AI654105, BF726100, BG029058, BF339019, AI086254, AL118520, AR075096, U05784, AF119856, AL050015, X00861, AF113676, X87224, AL359382, U72882, AJ131955, AR059958, AL389951, AL133014, Z97180, AF218005, AF159141, I00734, AB016496, AF217972, AR095619, AL355713, AR095635, AB007812, AF188698, E00617, E00717, E00778, and AF144093.
HE2JE77	362	100644 5	1 - 561	15 - 575	AV763983, AV726509, AV724045, AA484895, AV717042, AA491575, BF665912, AV752886, AV704858, BG171129, BE295759, AV759175, BF212041, AI133335, AW954146, AV718303, BF697058, BF575185, AV716398, BF695081, W40182, W19621, H74259, BF574703, AW959573, AV763693, AV714436, BF747404, AV761405, BG171057, AV760476, AA298804, BF666224, AI929471, AA296780, BE781598, AI815460, AI541337, N29084, N36756, H87040, AW959568, AV738107, BG121116, AA297887, BE513823, BF979410, BF697403, D56475, BE706808, N98570, W31214, AV712776, BE693502, BE513154, BE065121, AA298012, AV716021, AV751542, BE065135, H83627, AV690262, AA298961, AV660329, AA297588, AW371999, BF994508, AA297029, BF214397, BF980359, BF239553, AA297868, AW748993, AA297949, AV712048, AA297436, AW362946, AF121166, BF805496, BE774733, W85999, BE828311, AA257047, BE774859, AV732932, AW576707, AI126303, N77409, AV694284, BF765220, AI086042, BF807758, W21542, BE693520, N79915, BF335710, BF807687, AI885697, BF807695, BF807764, AI816403, BF378424, AA724019, AV722344, AI740446, AI001781, AI880801, H75925, AA412714, AA091861, AA251819, AA489131, AW968954, BE222943, AR051263, AF078848, AF201948, and S54914.
HCBNX87	363	100647	1 - 934	15 - 948	AA195189, AI872284, AW770858, AA195225, AI970956, BE219722, BE856129, BE348445,

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HNNTD168	364	100648 3	1 - 3266	15 - 3280	BG255574, BF797869, BF688018, AA088346, AL046406, AA626207, AA148554, AW271825, AW771157, AA122367, AA121480, AI123736, AI074017, AA419583, AA250725, AA150178, AA308446, AI470940, AA903233, AA088345, AA055608, N22856, AA253428, N45057, AW770308, AA055472, H27374, BE676183, AI221091, AA993376, AA401499, AA400257, and BG230996.
HTRAA05	365	100651 2	1 - 561	15 - 575	AI742386, AI524073, AI401286, BE561354, BE295468, BE267749, BE513336, AI459535, AI889934, AW962270, BE712449, BE712458, BE695348, BE712281, BF106390, BE560144, AI927392, BF727086, AI160850, BE792824, AW081202, AW029525, AI814545, AA701033, AV703327, AW104087, AI886582, AA575902, BE695412, BE712223, BE712220, BE695398, BE712549, BE695418, BE712279, BE712505, BE712319, BE712008, BE695425, BE712770, BE695432, BE712628, BE712414, BE712498, BE712213, BE712504, BE695389, BE695426, BE712510, BE712170, BE712624, BE712232, BE712047, BE712014, BE695407, BE712104, BE712166, BE695391, BE695427, BE711646, BE712506, BE712331, BE695413, BE695403, BE712285, BE711560, BE712102, BE712622, BE712773, BE712502, AA770666, BE695378, BE712050, BE695420, BE712334, BE695373, BE712544, BE712724, BE712548, BE712555, BE712553, BE712222, BE711652, BE712547, BE712787, BE712108, BE695422, BE712212, BE712103, BE695419, BE712211, BE712421, BE695416, BE695424, BE695401, BE695384, BE711604, BE695436, BE695415, BE711760, BE695364, BE712430, BE712326, BE695429, BE695417, BE695404, BE695431, BE695423, BE695408, BE712231, BE695360, BE712670, BE711986, BE695409, BE712391, BE712668, BE695375, BE695395, BE711558, AA976480, AA767170, BE712324, BE695428, BE695402, BE695344, BE712587, BE695345, BE695374, AW591351, BE695382, AA576980, BE711587, BE712454, AA384751, BE712392, BF726553, BE712100, BE712507, AA687454, BE712322, BE712771, BE695414, BE695400, BE695434, BE712171, BE695362, AI367957, AA687513, BE711670, BE695381, BE695358, BE695368, BE711532, BF112286, BE712160, BE711502, BE711500, BE711535, BE695405, BE695346, BE695361, BE711842, AW079821, BE695377, BE712221, BE712045, BE712162, BE828330, BE695433, BE695421, AA352952, BE695355, BE695365, BE711508, BE695351, BE695383, BE695359, BE695379, BE712101, BE695350, BF837811, BE711614, BE711657, BE695352, BE695376, AW370204, AW510617, BE712003, BE711603, BE828321, BE695392, BE695410, AI460272, BE695393, BE856500, AI309112, AA907009, BE712456, AA411532, AI739011, T71962, AA507928, BE695430, BE828315, BE828313, D60602, BE828312, AA317838, BE712474, AV688621, T81771, BE327944, BE695356, AA662912, BE711542, BE940444,

HMTAL96	366	100663 5	1 - 1821	15 - 1835	AA52896, BE695380, AW071632, and T71693. AU121947, AU133408, BG107816, BF978353, BG167070, AU136479, AI912625, BE787533, AL043108, BF978689, BG118584, BF575979, AW946781, AA541465, BE896118, BF242492, BF673227, BF574674, AI769406, BF573737, AI677825, AA843784, N90942, BF679753, AL133947, BF340046, AI122639, BF338412, AI956122, W58349, BF674910, AW946784, AI146802, AA433844, AV721278, BF213289, AI829684, AI248810, AW148927, BE549681, AI634356, AI693209, AA313329, AV721952, AW015279, AV721448, AW970646, W48807, N33995, AA770568, BF570691, BE046360, AI200909, W52177, BF670447, AW337556, AI925678, AW137200, AW946872, AA740996, AW473986, AA044616, AI088578, BF986183, AI302975, W58474, BF572827, AA176436, BG149747, N36852, AI090980, AW440100, AI814300, BG031130, AW403227, AA846487, W52178, W60313, W60262, BF577093, R80598, N35139, AW080740, BF930195, N46123, BE891377, BG231991, R80597, AA178883, R23907, AI244465, AW027841, AV707552, N36871, AA262561, AA626808, AI127632, R24938, AA158096, AV705840, N46141, AA165152, AA165180, H94816, T28111, H89174, AI523244, BE539497, AW876080, AA885512, N32999, AA042803, AI291968, AW271335, AI374631, AI928012, AI582354, AA905984, AI391678, AA654121, AI470822, AI659820, AU150290, AI435866, AA478972, AI672499, AA782245, AI683540, AI242454, AI963948, AA098811, AW974863, AI970953, AA098979, W47019, N24550, AI656583, AA098926, AI811590, AI346328, AI702054, AI926667, AI65050, AI669676, AW300195, AA626702, AI078689, D20104, AI910690, AA91913, H80964, T70014, BE041620, AI432060, AA329386, F00987, AA677620, AA450363, BE328391, AA100143, R82731, AV749441, AI912968, AI681692, BE219987, N89579, BF575528, R23125, R23127, H83940, AW404323, BF446671, AA730321, BE253861, AA069494, AA808762, AA370257, Z28753, T29433, BF732515, AI365551, AW502459, AA243213, T39145, BF530380, AW795398, AA973669, W46200, BE183279, AA836447, W23989, BF105047, T39150, W17101, BE041692, BE827333, N91885, AA453560, D45259, T10404, N47782, AA091310, AV749903, R23998, T27528, AA165310, AA248615, R23906, AI420657, BF240034, AA863104, AI095737, BE220393, BE006042, AA089814, AV718352, BF447937, BF003074, AA863104, AI095737, BE220393, BG236248, AI420216, AI597664, AI972622, AA523550, BG036924, AI674511, BE673195, BF446200, BE550809, AA913502, AI218901, AI827982, BE674363, AX017503, AC018682, A93912, AL139099, AB031482, M31470, A93910, D49727, AF196993, AF197014, D50264, D49726, D49725, R62747, AA853568, AA916254, and AA969277. AI911957, AW804755, AI862391, BE067582, AI301580, BE067581, BG033220, AW817932, AI591299, R62701, AI590522, AA502683, AL040054, AA634017, BF991208, AW273830, BE261047, AI344810, AW021774, AI590459, BF767878, AW302983, AA579469, AI870204, BE243098, AI345123, BF854038, BF810071, AV710482, AI597820, AW303254, BF832078, AL133668, AA077776, BF925233, H05073, AI345550, AA634889, BF149427, AA654781,
HDTJP21	367	100685 8	1 - 693	15 - 707	

					BF847015, AW970992, AA872299, AW082744, BF681222, AV762982, AI859946, AL079834, AW263864, AI252483, AW302984, AA551390, AI826845, AL039471, BG008096, AL048060, BE139043, BE138563, AL526288, AI275989, AW504485, BF934742, AA528480, AV744333, AW517743, AI908575, BE063646, AV761714, F00212, AW852100, BE138649, AI252999, AC005237, AC008482, AF168787, AL021391, AC006285, AL121886, AL133466, AC003029, AP001726, Z84474, Z85987, Z46773, AL080243, AC023344, AC008764, AC005000, AL023581, AC008567, AC009242, AL031432, AC007390, AF088219, AP002898, AL096701, AC005832, AC006480, AL096870, AC003101, AC005253, AL391690, AC007845, AC008537, AC008753, AP001695, AC010553, AC016025, AC002540, AP001728, AC008733, AC008155, AC004593, AC006449, AP000326, AP001412, AL031229, AC002563, AC027319, AC007298, AX021009, AP000122, AP000169, AP000054, AL121601, AC018758, AL121712, AC010092, AL160410, Z93023, AL121929, L34079, AC006597, AP001711, AP001725, AL035458, AC004000, AP001538, AC004983, AC007383, AC005261, AF216667, AP000208, AP000130, AC004796, AB001523, AC005899, AP001435, AC005280, AL035587, AF196969, AP000247, AP000359, AP000152, AC009180, AP000065, AL049761, AL158823, AL121583, AC004690, AL390759, AF019413, AP000008, Z97985, AL163279, AC011479, AL021937, AC005284, AC002470, AF254822, AC010618, AC006538, AP000512, AC010072, AC007052, AL121989, AP000089, AF215937, Z99127, AC010358, AP000704, AL049870, AC002364, AC021016, AC006117, AC003688, AC011451, AL135924, AL031659, AL365505, AL109804, AC020908, AC087225, AC020914, AP001674, AC005822, AC006261, AC006547, AF011889, AL157951, AC004526, AC010473, AC005332, AF196779, AC005234, AC000075, AF109907, AC006334, AC024168, AL034548, AC005180, AB007953, AL135978, AL049776, AL008582, AC011465, AL121845, AC007246, AC026888, AL163285, AC007225, AL356422, AL132713, Z93244, AL161422, AL358785, AC009228, AC005695, AC004217, AL031658, U85195, AL132659, AL445687, AC006028, AL031680, U80017, AC005081, AP000210, AP000132, AC004890, AL121926, AC006511, AP001710, AC005779, AC002430, AC008403, AC011482, AC004799, AC005768, AC007731, AP000553, AC004814, AC005399, AL136450, AL355499, AE000658, AC004886, AC016620, AC005500, AF037338, AC005664, AC004655, AL354720, AC004166, AP001477, AC005663, AC002302, AP001760, AL050348, AC007384, AL356020, AL356747, AL020997, AL031587, AC007546, AL133245, AC025809, AC009060, AC020906, AC009298, AC005914, AL133453, AC004087, AC005052, AL023803, AL135901, AL158012, AC020741, AP000248, AC005158, L44140, Y14768, AL035086, AL034379, AC004765, AC005480, and Z98946.
HISEQ81	368	100694 3	1 - 500	15 - 514	AW901261, AA251070, AW967582, AA663366, AU121481, BF903105, AC007883, AL356115, AC078847, AC009276, AL360078, AC016617, AL035663, AL109922, AL139090, AL121969, AC008085, AC009518, U85196, AF045450, AC006023, AC004707, AE000660, AC026439, AL138718, AF135487, AC004897, AL163280, AL031390, AL133247, AL162430,

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HODFH02	369	100695	1 - 603	15 - 617	<p>AW966385, AV700495, AW973541, AV718487, AV720211, AV720729, AV720104, AV719632, AV719822, AV701335, AV701332, AV701248, AV701431, AV701043, AV701017, AV701357, AW966342, AV699866, AW975623, AW973470, AV720616, T06155, AV718427, AV699746, D88547, and AC003010.</p>
HOCPP18	370	100723 0	1 - 759	15 - 773	<p>AI743840, BE877930, BF028625, AW968831, BG171528, BF244687, BF034731, BE738082, BF696564, BG249379, BE262610, AW610031, BF675618, AI168679, BF184298, AW582660, AW610024, AW610015, BF432167, AW582658, AW582645, AI368790, AW582649, AW404414, AA635047, AA977202, AA255745, AW609460, W74224, AI189196, W19875, AA423814, AW873607, AW674957, AA700205, N34074, AW673317, AI693774, BF207680, AA490434, AA811988, AA687682, H59322, AW675671, N25686, AA043487, BE738236, AA384027, AA970715, W03959, AA099633, N91486, AA844086, AW970706, H64607, AW361070, AA576387, AA527550, AI380149, BG180768, BF742317, AI149307, AI139270, BF334168, AA643654, BF965959, AI018593, AA513014, AA101966, BG180833, AI089738, AA419058, AI041791, AW139976, N73897, W74225, AW361045, H70242, AW024571, AA126714, AW271818, AI143332, H82629, AW958804, R26807, BE047049, AA987943, T85639, AI857573, AV687372, N22461, AW268579, AA090516, AW651630, AI244767, AA877283, BE041685, AA426291, BE765584, AA136056, AI819235, N56136, AI241275, T79549, N56398, R26004, AA889245, BG153704, AA641594, AA873098, AA757925, AW879744, AA043488, AK000666, AF150100, AL163279, AF150101, AF152353, and AF150102.</p>
HODFP91	371	100794 1	1 - 1747	15 - 1761	<p>BG253213, BF681335, BF372572, BF679493, AA420666, BF678593, BF327033, AI804263, AV704486, AI275402, N33388, W78024, AI083839, AI337610, T92186, T89120, N23972, BF371272, AA658363, BF370329, AI798226, AA253483, AI216498, AA234181, AI216502, R59949, AA253313, BG105540, N31873, AA225664, T89209, AW593695, AA662620, AA528445, AA513944, BF326921, AL042210, AA179786, AI669285, AW964036, AA352063, AI080345, R59948, AI344783, AA180503, BF891183, AW515141, AW997169, AA225610, BE940088, N98709, AA206457, BG003461, AR070464, and AL359561.</p>

H6EDU06	372	100797 6	1 - 574	15 - 588	<p>           AV706787, BE007476, BF026598, AW070517, AV721296, AA156834, AI553893, BE675928, AI288705, AI762669, AW273834, AW024561, AI312660, AI138250, BE672892, AA626719, AA594341, AW974501, AI219985, AW071929, AA828157, AI309908, AI057511, AI268592, AI286041, AI870386, BG222673, AW303596, AA156597, AA812762, AI039165, AI024129, AI089622, AA456739, AI924451, AA989383, AA482452, AI803068, AA417820, AA994692, AI051535, AI801913, AI672921, AI800826, AA494488, AA455184, AI025564, AA954675, AI807763, AW952786, AA862743, AA887974, T98015, AI240669, AA977347, AA972180, AI368505, W24116, AA933043, AI784667, AA934066, AW183454, AI868633, AA907741, AW663428, T86139, AW205935, T89455, AI245098, AA513366, AA515593, AA338859, AA813534, AA115080, BE672891, AI381801, F17301, C03097, AI659028, AA216001, Z42400, N91938, AI913851, AA992479, C03931, AA770117, BE185666, AA479458, AV702417, AA648946, AI583724, AA992479, C03931, AA770117, BE185666, AA479458, AV702417, AW964409, AV729376, AW960655, AW954134, AV652001, AV651955, AW963027, AW951270, AV725153, AV706417, AW964585, AW953807, AV702789, AW949478, AW962386, AV709273, AV703790, AW964440, AV709092, AW950443, AW960601, AW952403, AW952183, AW959806, AV656903, AV661704, AV697196, AW952751, AW956075, AV645936, AV709587, AW955723, AV658084, AV692600, AV650315, AV659389, AV697880, AV727613, AW955900, AV656373, AV726010, AV655280, AV660258, AV647789, AV708109, AW959521, AW956474, AV659294, AV727787, AV703146, AV686060, AV725745, AW951239, AV686064, AV660608, AV728148, AV659322, AV726156, AV654908, AV726590, AV656478, AV698545, AV709314, AV653353, AV708381, AV654070, AV660728, AV691080, AW951281, AV702385, AW949802, AV658275, AW955662, AV703669, AV707979, AV658751, AV727003, AV709580, AV725208, AV725582, AV708786, AW957517, AV659547, AW959543, AV727526, AV707155, AV703169, AV651920, AV725618, AW954439, AV727510, AV725633, AV707088, AV652156, AV728518, AV702266, AV725577, AV725033, AV706223, AV728924, AV725617, AW954206, AV727935, AV707863, AV725991, AV707304, AV696931, AW964421, AV726619, AW952410, AV703062, AV727822, AV699089, AV705135, AV701874, AW950888, AW962444, AV703501, AV702772, AW954237, AV701180, AW950258, AV707401, AV701183, AV709660, AV704585, AV709935, AV654035, AV707652, AV707654, AV728721, AV707663, AV683994, AV704042, AV654282, AV729220, AV709880, AV697288, AV698290, AV687035, AV706882, AV704847, AV694836, AV697498, AV702954, AV686420, AV694812, AV727238, AV682997, AV696866, AV727126, AV707656, AK026514, AF151894, AC004789, AX047063, AR050070, A62298, AF217994, Y08991, AX047062, A82595, A82593, Z30183, AX047064, U94592, S68736, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336,         </p>
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HPCRD26	373	100801 3	1 - 1320	15 - 1334	AX009338, AX009334, A62300, AX040581, Y11505, AF006072, U45328, A91160, AR025466, AX046743, AI289208, and AI424481.
					AL522813, AL522021, AL515238, AL34210, AL527634, BE881394, BF967335, AL522812, BG168951, BE547168, BF683070, BE018646, BE251740, AL120106, AA156075, AW007510, AW772448, AL515237, AA557210, W81295, BE970056, BF967686, BF511071, AL535783, AW161414, AI905116, AA128693, N69846, Z43685, AW006138, AW274433, BE903335, AW594670, AI521862, AI905108, AW027481, BE302221, W17116, AI695301, AI300237, W93915, AA378300, AW793014, BG180670, AA866170, AA155990, AI655474, BF934862, AW084679, AW264238, BF765898, AI384123, AI357889, AA248880, AI367177, AI918724, AW304833, AI816910, AW264332, AA701939, AW303940, AI285409, AW166173, AW235873, N83196, AW890020, AI565254, F25724, AW384463, AW384462, AI204007, AW384518, AW384495, AA630995, AW384515, AW392814, BE672909, BE156493, R17296, AA055886, BF439599, AA249576, AA772667, AI660862, BE567686, AW384559, AA630973, H77417, AA249786, BF763245, AI291050, AI278942, AA658504, W81238, N98875, AA503728, AI015881, AA261778, AC005915, I89946, and I89945.
HSIEH63	374	100802 7	1 - 757	15 - 771	BF591295, AI223817, BF064033, AI432306, AI732756, AI732256, AI827789, AW270969, AI458391, BE826171, AI820678, BF062424, AI734150, AA487683, BE645984, BF002863, AI073913, AA487468, AI521059, AI906906, AI906910, AI905072, T94990, T94936, AW015443, BE075729, BF512129, AA708803, AI810047, AC004993, and AF106066.
HPASD51	375	100807 1	1 - 819	15 - 833	AW753589, AW959236, BE742519, W32940, W15186, N73147, T82084, AA294934, AA211695, AI905700, BF032776, AA354566, AW837086, AA468796, and AC007655.
HCOQH27	376	100815 4	1 - 2570	15 - 2584	AL536332, AL515984, AU125142, AA639765, AI281923, AU125056, AW953648, BE734342, BG167105, BE794775, BE729038, BG260021, AI372989, BE729258, AI720031, BE677682, AW088074, AW300735, BE789911, BF206718, BE408591, AI768419, AI768875, BG027265, AU135162, AA482024, AI745443, AA514479, BE046393, AA627864, AI928477, AA528026, BE391197, BE395201, AA846720, BE391155, BG166973, AW104771, BE741552, AW673933, AI017373, AL515985, AA527494, AI215852, AI871626, AW205622, AA045396, BE390376, BF111620, AW612025, AW291747, AW295357, AW087156, AA722864, AI694451, BE076330, AA574156, W07767, BG001290, AI613494, BE515246, AI630897, AW959218, AA866004, BE671294, BE778573, N21002, BE503277, AA436970, AA577399, BF087009, AA485992, AI609811, BE567267, AW594105, BE745288, AW614636, AA987612, AI373242, AA595033, AW602847, AA908276, AA442981, AI261446, AW271584, BE277529, BF224222, AI858763, AW577571, AW297117, AI914132, AI086874, AA946951, AI864703, BE675612, AI365469, AI089624, AA417570, AI205853, W76670, AW779982, AI797948, AW975076, AI801899, AI654944, AL134914, BE275008, AA045080, AA315298, HI7040, BE731460, BF868517, AA281453, W80506, BE729487, C06206, AA458469, W72604, H85386, AI261797, BE348343, C05666, AV742478, AW951164, AI500450, BE774706, BE791627, BE796924,



					BF063082, AW873406, BF512937, AA985558, R24965, AA359349, AA181239, F07027, AI369560, BG167811, AI499976, T23579, BE274925, N80706, AI125182, R22308, AI867225, BF125894, BE733074, AI864702, AA351832, AA488619, R22307, AA211234, T15846, W78706, T29175, R59834, AA768369, BE730023, AI280541, H17039, AW451574, BE794619, R59725, AA337433, AI914281, BF685266, BE894029, R45226, N62790, AA209250, AA885364, BE870829, AW239502, R13676, AI193308, BE903685, BF508932, F05190, BE279232, F01005, R37773, Z40129, AA658001, BE048334, BE799216, AW470658, N66912, N78467, BE734815, BF205742, AW087771, AA639210, BG118949, F01440, BE866954, AW771236, AW771230, BF921987, BE294736, AA156669, AA417688, AW747945, BE739601, BE739356, AI968627, BF923421, N92948, BE763516, AA419422, AA918503, AA192355, AA156775, N85859, AI827610, AL119049, AI003244, BF185020, AA470136, N83767, AA928812, AA280765, L07758, AC007622, Z36805, Z36804, and AB049913.
HNTBU30	377	100817 7	1 - 4084	15 - 4098	AU125982, AW953485, AU125447, AU124785, AW001101, BG110603, BF974285, AL040867, AL040866, BF725360, BE868091, BG104583, AW090092, BG121189, AW190132, AI355864, AW889900, BE378250, AL041116, BE548940, BE256037, BF941323, BF034153, BE547709, AU132530, BG106299, AI651097, AI359516, AW080364, AW383973, AL524978, AW362784, AW753817, AI148869, AI393562, AW675581, AA456283, AU149111, AU132763, AU154232, AU149535, AL046765, AU154467, AA400563, AA706610, AW004969, AW836789, AW836786, AA454671, AW373589, AU154038, AI797535, AI367629, AA400150, AA313215, AI018014, AI288449, D53070, AU148577, AA535371, AW836788, BE813630, AW363230, AA029231, AA029232, AW026702, BF887882, AA453842, AA649925, BF887870, AW605323, AA400176, AI094511, AL040652, BE855545, AW937579, AI421670, AI423472, BF753305, AA233312, BF357897, T09488, BE873172, AA683594, AW628747, BF848580, AI371901, R18421, D53589, AA400392, AA586607, AI453237, BF590559, AA227274, D53194, AW999617, D52887, AA514956, D53211, AA233313, AI905503, AA227283, BE070741, AI683301, T23587, T77686, H91031, BF081251, AI916759, AA322214, BE070726, AA453758, C00385, BE694440, BE938121, D53071, D53128, Z25342, BF081249, AI911435, D53754, AI378143, H90918, AI911691, AI272899, H88808, AW754123, AA916908, AI200242, BE070582, AI270551, H89032, AI424142, BF332451, AW580296, AI955188, AW295174, T09487, AW072241, R42483, R38392, BF842266, AA249047, D53193, AW602313, AW857035, D53127, D53210, AW611973, D53588, BF357733, AI910768, BE858745, BF194823, AI905504, AA005312, BF378122, BF820885, AI307564, AI818299, BE814287, BE814349, BF334589, BE814606, BF378140, AW512399, AW364841, BE825640, AW512554, AB002366, AK024705, AK025689, AK027063, and AF052139.
HCOPZ14	378	100817 9	1 - 1070	15 - 1084	AW934723, H37994, AI498824, H92316, AA426342, AA702719, AI128833, AA994942, BF593832, AA932972, AA808375, AA946572, AA369769, AA594909, AA806051, H20466,

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HODEC78	379	100829 9	1 - 1457	15 - 1471	AA287686, AA207154, AU154168, AA179206, BF959881, AI640238, AU132680, BF194738, BF940404, AW135518, BE742576, AI192959, AI694946, AI523667, AW204593, AW002521, AI356297, AI361894, AI914362, AI300563, AI952850, AI361750, AI768922, AI582698, AI356535, BE772693, BF061364, BE552169, AW013899, H83373, AA018189, BE276307, AW960051, AA749310, BF433855, AA366409, AA769579, H87151, H87035, AI868789, AA464267, AA249429, AI816088, AA471320, BE256470, AW367751, AW391782, BF931655, AI580257, AA101455, BF961680, BE745650, AA973114, U90028, and U90029.
HODEF29	380	100830 4	1 - 413	15 - 427	AW949656, AW949631, AW949643, AW949618, AW949642, AW949655, D80022, D80212, C14389, AW975618, D80166, D81030, D59619, D80210, D80240, AV720211, AW975605, AW966013, AW960454, C14331, D80219, D51423, AV718844, AW966531, AV723927,

D80195, AV699550, AW966075, AW966053, AW966065, AW960553, AV718707, AV719822,  
 AV720878, AV718692, AW978634, AV719324, AW949653, AW973488, AA305409,  
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 AW973474, AW975613, D59502, AW978661, D51799, AW960465, D80253, D80045,  
 AV718489, AW973307, AW966534, AV718931, AV719557, AV720731, AW959202,  
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 AW962245, AW973482, D80188, AW966041, AW965163, D80391, D80164, AW973541,  
 AW966054, AW978648, AW966050, D59787, AV719783, D59467, AV719468, AV718800,  
 AW965185, AW965197, D59275, AW965196, AW965184, AV720791, AV720464, AV718770,  
 AW973330, AV720203, AW964756, AV719188, D80043, D80193, D80227, C14429,  
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 AW959062, AW964477, AW956434, AW964488, AW949641, AW962082, AV699927,  
 D80366, D59927, D80196, AW966059, D59889, AW973447, AV699746, D80024, AV700889,  
 AW964737, AW959582, D59610, AW949629, AW949645, AW949657, AW966043, D80269,  
 D80038, D50979, D50995, AW949646, AW949658, D51060, AV721386, AW965158,  
 AW949633, AW949632, AV701004, D80378, D80241, AW966023, AW753053, AV720812,  
 C14014, AV723097, AW949630, AW959469, AW966030, AW960504, AW960532,  
 AW975623, T03269, AW966032, AW752082, AV718530, C75259, AW960570, AV719049,  
 D51022, AW178893, AV700229, AV720533, AV699682, AW179328, AV699669, AV720654,  
 AW965176, AW177440, AV744690, AW960474, AV742001, AV742667, AV701125,  
 AV701335, AV701166, AV742430, AV701149, AA305578, AV701043, AV701332,  
 AV701017, AV701248, D80134, AV742048, AV701431, AV699866, AW964468, D80248,  
 AV720150, AW973490, AW966386, AV645389, AV645344, AW964532, AW966397, D81026,  
 D80949, AV701130, AW973465, AV701419, AW378532, AW964766, AV701154, AV701422,  
 AW962395, AV719628, AV681510, D80251, AV681491, AV699652, AW178775, AA514186,  
 AV720616, AW966049, D51250, AW951169, AW949620, D80133, AW369651, AV700159,  
 AV701443, D80064, D80268, AV720755, AV699479, AA514188, AW966560, AW966368,  
 C14298, AW753041, AV645343, F13647, AV742022, AW178762, AV701357, AR018138,  
 A62298, AX033851, AR070327, A84916, A62300, AX027925, AJ132110, AX047063,  
 AX047064, A67220, AX021518, D26022, X67155, AX035434, A25909, Y17188, AR008278,  
 D89785, AX020191, A78862, D34614, AJ302649, AX020190, AF058696, AB028859,  
 AR077702, AX047062, D88547, AX028130, AR092424, AR087649, X82626, AJ294956,  
 Y12724, AR025207, A82595, A94995, AF260572, AR060385, AB002449, AR008443,  
 AR074545, AB012117, AX015396, X68127, I50126, I50132, I50128, I50133, AJ287395,  
 A85396, AR074141, AR060138, AR066482, A44171, AR088705, AX042372, AR066488,  
 AR016514, A85477, I19525, A86792, A45456, A26615, AR052274, AR074139, A43192,

						<p>A43190, AR038669, I14842, X93549, I18367, AR066490, Y09669, AR066487, AR074136, A30438, AR054175, AR008277, AR008281, D50010, Y17187, D88507, A63261, AR008408, AR062872, AR091537, A70867, AR093385, AR016691, AR016690, U46128, A64136, A68321, AF135125, D13509, AR060133, I79511, AX035429, AX035428, AX035426, AX014811, U87247, X72378, AR032065, U79457, AF123263, AB033111, AJ000347, X93535, and AR008382.</p>
HODFB71	381	100830 7	1 - 2721	15 - 2735		<p>AUI20186, AV685205, BE745578, AW341085, AI813997, AW075717, BE879613, AW867043, AU128403, AI890853, W95819, AV699386, BE871865, AW207613, BF753636, BE841070, BG153422, AW842415, AI860247, AW009804, AW965308, BE263478, BE350007, AV650178, AW855840, BE645948, BF244293, AW387603, AW387588, AW387570, AW593809, AI813990, AW387594, AI123331, AI814498, BF930287, W95812, AI027130, BG058688, AW297937, BF439051, AW953145, AW581872, AW387567, BE897145, BE894405, AW387565, AA683545, AA514682, AI912084, BE707577, AA284269, BE892060, N25435, AW387551, BF224192, AI801414, AI333144, AW387589, W93061, AI792762, BF897938, AI921027, N39823, AI700761, AI630416, AW613975, AW387543, W52833, BF346511, BF446460, BF433036, AU146326, BF806592, BF436925, AW194002, AA416940, AI539420, AA609176, AI803042, AI688409, N36974, AI095658, AA625154, AA454670, AI015532, AA532391, AI801045, AW304056, AI078810, AW515831, AA313278, AI143830, BF434547, AW073517, AA164477, AW300683, AW387511, AI246195, AI126120, BF194737, AI204238, AI224979, AI363320, AI934406, AI828474, W32859, AW191965, AI452492, AA326596, AW387659, BF887732, AI420557, BE698600, AW512903, AA256049, BF849038, AW806880, AW235154, BE874184, W77847, AI400008, BE841041, BE467240, AI830985, AI819550, AA609278, AV688552, AI340483, BE937015, AA773239, N20374, AA047705, AI273578, AI090700, BF957505, W32413, N39416, AV699803, AI224389, AI439451, AI225075, AI312377, AV706867, AW609073, AI624708, AW444879, AA705899, AA169495, AA235411, AA418233, AU157570, AI076652, AW504319, AI433744, AI159961, BF241608, BE167847, AW841184, AI383240, AI935502, AI435339, D80852, BE047423, AW963146, AA918609, BE843310, AW820003, AV683152, W60585, AI630381, AA662503, AA164478, T33091, BF085221, BE004440, AW366124, BE160282, AI131034, AI675203, AW841228, AW021700, AA626105, AA470040, AI815749, AW581865, AI263359, BF850458, BF591953, AA994256, Z43339, N26670, AA541443, AI475319, AW609556, AI244156, BF849414, N92397, AI267587, W01875, AA886220, W24664, AW237704, AI254748, AA628384, AW020806, AA707127, AV656105, BF924070, W24714, AI040523, AA169701, AW163817, AW576279, BF849416, AI225071, N69026, BF922788, AV686309, AW866508, Z46156, BE768257, BF801569, BE710784, R43868, BF842346, AA854079, AI656170, AA324005, AA229840, T95094, AA324001, BF842366, AA047672, Z39414, BE082315, AI167468, AI300698, AA320833, AA994140, AW382298, N39669, W72123, AI183682, AI678525,</p>

					<p>W32366, BE185753, AI219794, N73469, BF849412, AK027008, AB014579, AF036144, AX017499, AK002091, AF086223, AC007383, AC004383, Z82206, Z49258, AC004878, AL136979, AL138976, AL035458, AP001746, AL035587, AC004883, AP001731, AF243527, U62317, AL1354776, AC005048, AC026431, AL078602, AL022165, AC023880, AC006013, AC011442, AC006115, AL121952, AC009087, AL445220, AC016652, AL136137, AC009079, AC010605, AP000247, AC006112, AL391122, AC012315, AC012502, AF001552, AC004971, AC004686, AC006501, AL139099, AP000697, AL049557, AC004797, AL034417, AC024171, AL009179, AC011484, AL357497, AL138688, R35803, R44829, H05274, H77481, H83346, N26596, N48529, N79995, W00596, W02568, W63668, W93184, AA055246, AA081682, AA082034, AA128183, AA256136, AA226425, AA244431, AA244462, AA507428, AA730630, AA809582, AA886139, W23751, AA190199, AA190212, AA585333, AA599548, AA644242, AA644698, AA670125, AA719583, AA774902, AA778255, AA835470, AA861659, AA868203, AA889911, AA90432, AA934111, D20599, F05036, F05705, AI268618, AI363777, AI568071, AI143373, AI146963, AI184408, AI267668, AI537649, AI349389, AI350710, AI352039, AI678500, AI701822, AI824592, AW090449, and AW129172.</p> <p>AW872474, AV723927, AV720211, AW966013, AW966053, D81030, AW975618, AW959597, C15076, AW975621, AW949642, C14389, D80212, D80164, AV719468, D80022, AW978648, AW949656, AV718692, D59502, D59927, AW978634, AW966050, D80195, AW960465, D80045, AW949631, AW949643, AW949618, AW966054, D59467, AV719783, AW966534, AW966065, AV720464, AV718800, D80253, AV718707, D80166, AW966531, AV724520, D80391, AW949654, D80193, AV718844, AW966041, D59619, AW959570, D80210, D80240, AW965185, AW965197, D80043, AW966022, D59275, AW966075, D51060, AV720791, AV719188, AW966029, D59787, D80196, D80227, AW966062, D58283, AW949641, AV699927, D80038, AW959799, AW958992, D80366, AW973334, D59859, AV719822, D80219, AW960553, AW965175, D51423, AV719324, AW959062, AW964477, AW978661, D51799, AW949646, AV718489, AV720203, AV718770, AW973307, AW959202, AV718440, AV720028, AV718633, AW959628, AW965177, AW975605, AW949658, AW973485, AW965184, D80269, AW973541, AV718931, AV719557, AV720731, AW959582, AV699447, C14331, AV722801, AW973474, AV699550, AW964488, AW965163, AW973488, D50979, AW964756, D80188, AV718938, D80024, AW949655, AW960454, AW973482, AW958993, AW959136, AW956434, AW962082, AW949653, D57483, AW965158, AW966043, AW962245, AW965196, AV718530, D50995, AW949630, AW975613, AV723097, AW964737, D59889, AW960473, AA305409, AV720878, AW960564, D80378, D59610, AV720812, AW949629, AW949645, AW949633, AW949632, AW753053, AW949657, AW973330, AW973447, AW956397, AV721386, AW966059, AV700229, AW960532, C14429, AW966023, AV699746, AW959469, AV720150, D80241, AW960570,</p>
HODEF78	382	100831 4	1 - 538	15 - 552	

					<p>AV700889, AW960504, AV699669, AW752082, AV701004, AW966032, AV720654, AW966030, AV699682, T03269, AW975623, AW178893, C75259, C14014, AV719049, AV742001, AV742667, D51022, AV701125, AV7010135, AV701166, AV742430, AV701043, AV701332, AV701017, AV701248, AV742048, AW179328, AV701431, AW965176, AV744690, AA305578, AV701149, D81026, AW177440, AV719913, AW378532, AV681510, AV681491, AV720533, D80268, AW966049, AV720755, AW960474, AW973465, AW964532, AV701130, AV701419, AV701357, D59695, AV701154, AV701422, D80134, AV719628, AV645389, AV645344, D80251, AW964766, AV700159, AW377671, AW178775, AV701443, D52291, AW951169, AW966560, AV699479, AW369651, AV645343, AW960414, AW964468, AV719727, AW962395, AV720607, D80522, D51250, F13647, AV742022, D80168, AV699866, AV700622, AW352158, AA514188, AV719000, AV681529, AV681468, D80949, AC003982, AR070327, A84916, AX027925, AJ132110, A62300, A62298, AX033851, AX047063, AX047064, AR018138, AX021518, X67155, Y17188, D26022, AX035434, A25909, A67220, AF058696, AX020191, D89785, A78862, D34614, AJ302649, AX020190, AB028859, AX047062, AR008278, AR077702, D88547, AR092424, AX028130, AR087649, X82626, AR025207, Y12724, AJ294956, AF260572, A82595, AB012117, AR060385, AB002449, AR074545, AX015396, A94995, X68127, AR016808, AR008443, AJ287395, A85396, AR074141, AR066482, A44171, AR088705, AX042372, A85477, I19525, A86792, I50126, I50132, I50128, I50133, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, AR074139, AR066490, Y09669, A43192, AR038669, AR066487, AR074136, A30438, I18367, D88507, AR054175, D50010, Y17187, A63261, AF135125, AR008277, AR008281, AR008408, AR091537, AR062872, A70867, AR093385, AX035429, AX035428, AX035426, AR016691, AR016690, U46128, D13509, I79511, A64136, A68321, AR060133, AB033111, U87247, AR087528, AR064240, AB037923, AX014811, U79457, AF123263, AR032065, X72378, X93535, and AR008382.</p>
HODEL83	383	100832 4	1 - 520	15 - 534	AL138813, and AC004915.
HHPHSH76	384	100832 5	1 - 1578	15 - 1592	<p>AI971626, BF940710, AI870763, BF447174, BE676274, AI582352, AI431882, AI161166, AI971645, AV693733, BF000296, BF594148, AI222731, AA937784, AI299178, AI394300, AI439546, AI362722, AI345977, AW072003, AW028669, AA632194, AW205947, BF057452, AW206327, AA972757, AA587064, BE712791, N90856, AI350107, AI298077, BF058455, AW134661, AA825270, N90867, AW028686, AW079385, AI147124, AA460705, BE551298, BF736655, AA746018, BF732395, W16558, AW007772, W16555, AI161086, AI149235, AW340546, AW204428, AI161084, AA988853, AI762633, AA904256, BE715859, AI368507, AI025216, AW137922, AA808302, AA808603, BE715826, BE670470, H86812, AA639423, H86876, AI700294, AA887551, BF063604, T55756, BE671028, AA853813, BF115406, AW300426, AA858288, AA878930, BF590909, AA853812, AA639424, BF967749, AC006230,</p>

HBGBE52	385	100832 6	1 - 769	15 - 783	AF019386, AF019385, AF177430, and AJ388534. BE002704, BE065136, AW152446, AV734696, T62861, AA584449, AW370854, AW295305, AI539492, AI093863, T62711, AA663693, AA808792, AW371354, BE138955, AI343194, AI251970, MI8740, M25718, and UI3369.
HBQAB30	386	100832 7	1 - 779	15 - 793	AU121386, BG024628, AL523997, BF794753, AU137819, BG177391, BG176653, BG259088, BG106999, BG107310, BE265326, BF305474, BF347603, BF796967, BE018889, BF797739, BE167696, BF981741, AL039474, BF350360, BE244700, BF869380, AA651690, BF183251, BE778225, BE740869, BE271603, AW474216, D58450, AU124160, AW361236, AW466946, BG107057, BF772633, W27829, AU076945, W26115, BF759430, AW664187, AA570434, BF675704, L12579, M74099, U68542, L43505, AB041595, AC005103, AF047825, AC005086, AF004225, X75013, AC006457, AC002978, and U25750.
HLHCB31	387	100833 2	1 - 2032	15 - 2046	BG250587, AV734294, AW949920, AU125757, BF529108, AW952796, AA443300, BE673024, AI335961, AA738061, AA443433, BE938159, AW513187, AI860346, AW009354, BE294816, AU149357, AW058419, BE042809, BG150358, W40461, N95557, AA418263, AA418366, AI183756, BF983116, N52313, AA620306, AA884462, AI001006, D63258, BE274198, AI400765, N93959, BF886486, AW262034, AW183978, BF765839, AU138365, BE870250, AW183285, N75083, AA377749, AW233381, AI280350, R49967, AI393230, AA249125, BF509213, BF886848, BF887480, AI658872, AI869768, R88859, BF223596, R47440, R47819, BE296217, BF755474, BE707786, AA448501, W24950, AI701222, BF912737, BF757860, H21363, C18194, BF515599, BE168666, N87076, AA339171, D30872, AA091617, AA704660, BF692008, AW138128, A46722, D85510, D86331, E16655, and AF144759.
HPFDV51	388	100833 5	1 - 917	15 - 931	BF508974, AW965115, AI630839, AI741643, AW072035, AW268897, AV723999, D62666, AW072761, AI016072, BF512461, AA344181, C16744, D62943, BF437674, AA344606, AA905880, D62570, AW965114, W60522, F05944, AI915081, AA307598, AV754716, AL042630, AA689351, BF448904, AA429481, AW392414, AI124706, BF883138, AA603400, AW732205, BF769787, AA610381, AL137946, AI471455, AA550959, AW502873, F36200, BF766147, AA132912, AV728369, AI687343, BF742657, H86221, N91711, AI624379, AI282629, AA642809, AV764406, AA828153, AA946848, AA084230, AA578832, T93109, AA228778, AA524800, AI356440, BE868437, AW949694, BG026818, BG026893, C14480, AA508036, AI754037, AA525293, AI568659, AA610826, AI185394, AV743799, AA362349, AI918419, AV734149, AA678950, AA135761, W39287, AU150583, AA654778, T05354, AA385775, AA484892, AA935291, AA468923, BF737749, AA828442, BF853968, AI537800, AI049701, T06828, AW515219, AA666215, AV729669, BE676915, AA483731, AW511778, AA525331, AV764259, AA728861, F26072, AA445951, AW850230, BF913900, AA483034, AW151247, BE143664, AA533054, AW979295, AA371410, N71619, AA483483, AA832016, AA831801, AV762430, AI246996, AA364082, AA598663, AW468349, AA805960,

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HTEDY04	389	100833 6	1 - 1291	15 - 1305	AC021752, AC005342, AC006561, AC011469, AC007639, AL022240, U78027, AC005741, Z81314, AC006146, AL391839, U48471, AC005081, AL136369, AC005911, and AC004968. AI927477, BE670723, AI948965, BE466314, AA987287, AI095479, AW957242, AI199425, AI128097, AA448092, AW977232, BF434529, AA447554, BE045361, AI369302, AI361389, AI923806, AA435678, AW977232, AI660309, AI080255, AA054012, N70603, AA837761, AA448073, AW339432, N55490, AA393640, AI863621, W04922, AA447593, N69823, BF361414, N76977, AA057377, AI216708, AA448337, AW243130, AA036760, BE084121, AI675513, AI350467, AW016860, AI265822, H22783, AA508054, R14614, AA383086, BF361412, H80683, T64743, AA379733, AI038561, AA370797, H41174, AA370796, H80646, AA746313, BE791070, BG012707, AI268695, AF006386, and AL034379.
HODEG13	390	100833 7	1 - 516	15 - 530	AA861406, BE160342, AA654837, BF814002, AW877546, AA244041, AW157413, AU143973, BE061421, Z93403, Z92545, AC005326, AC004552, AL360078, AL021406, AL049781, AL136442, AP000515, AL133500, AC006313, AL355272, AL121776, AC005993, AL117340, AL109800, AK021450, AL109853, AC008873, AP001724, AC087085, Z93928, AC016623, AJ229041, AL133514, AC004388, AL049646, AL136981, AL157931, AF036938, AL121997, AL008629, AC007068, Z73986, AC010198, AL353573, AL121950, AC009241, AC004949, AL008639, AC006461, AC005538, AL096867, AC006157, AL354685, AL136133, AL023883, AL033375, AL360157, AC009430, AC005018, AC003670, AC026398, AL160237, AL158141, AL137118, AC006257, AC008127, AC008083, AC008279, AC009308, AL135960, AJ131016, AC007282, AC004554, AL035423, AC004055, AC004911, AL391684, AL035454, AL121841, Z85987, AL158064, AC016607, AC004982, AC020603, AL391666, AL163280, AL391644, AC073572, AC011890, AL359641, AL353582, AL031054, AF002223, AC022274, AL033521, AL132773, AC004052, AC008818, and AC073325.
HHPFK16	391	100834 5	1 - 461	15 - 475	AA306966, AV650072, AV650129, AV651901, AW248211, BE251055, BG257405, BG142261, BF796726, BE252748, BF970072, BE253394, AA587676, AV727695, BE566483, BF979560, N31759, AV689371, BF979663, BF530154, AA379229, AW963917, W32392, BF185241, BE618517, AL523961, BF681293, AV750140, BE748280, AI092258, BE783649, AA281646, BE164637, BE781790, AA523844, AA333474, AL524527, AI733910, H00017, R47258, BE972575, R47244, AA375463, AW304314, AW801668, AL524526, H00071, BF988262, BF683074, BF182646, AA664453, BE842637, BF185407, AI419252, BE388376, AI698340, BE857220, BE673426, AA367629, N80921, AA026486, BE551157, C02600, BE743952, BF694306, AC011477, AC007204, M61870, AC010329, M61866, AC011482, AC008554, AC010636, AF070651, AC008739, U35376, AC024563, AC073539, AF038951, AC003973, M61873, AC078899, AB040906, AC006539, AC008463, AC011494, U37092, AF242519, and U37098.
HARAL81	392	100834 9	1 - 809	15 - 823	AA777763, AI888037, AW954039, AI499427, AI569758, AA573906, AW305026, BF060656, AW778946, BE466396, AW511528, AW069026, AW953867, AW516094, AA526290,

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HFTAU42	393	100835 0	1 - 1705	15 - 1719	FI1519, F09180, AW275719, T39173, BE146711, AI064864, AL041706, BG059523, AW958945, AI090377, BE146744, AI446464, AW327624, R23873, BF918590, AA456937, AA831426, AW575605, AV755070, AA838140, AI811460, AU152317, AV762050, AA857486, AV760466, AC005004, AL080243, AI096701, AL135798, AC005730, AL353804, AC008733, AC002449, AC012155, AC005288, AP001717, AL021407, AC008928, AC004552, AP000045, AC007279, AL121899, Z83822, AC005324, AC008277, AC012442, AP000113, AP000300, AC010269, AC004890, AC004955, AC010609, AC009311, AC084732, Z85999, AC005065, AL050348, AC004856, AC006345, AC013734, AL121578, AL023283, AL078601, AC007546, Z84719, AP000359, AL136984, AL121886, AC011442, AF207550, AL157384, AC007365, Z84469, AL133453, AL163248, AL158830, U63630, AC006077, AC004762, AL035427, AC010289, AL035681, AC006285, AL157878, AC007850, AP001346, AC009179, AC011479, AL136094, AL034379, AC004987, AL357519, AL121905, AP000556, AL031228, AC022078, AC007956, AL049795, AC005102, AC002395, AL353701, AC016025, AC005081, AL034429, Z68226, AL138836, AL133163, AC008134, AP000255, AL022476, AC004963, Z69705, AK024182, AL450224, AC073148, AC009116, AL109804, AC007679, AP001670, AP000555, AL133174, AC004754, AL121928, AC023490, AC025593, AC007845, AL450226, AP000557, AJ400877, AC008102, AF165926, AC006141, AP000135, AC005539, AP000031, AP001666, AF134726, AL137039, AC005037, AL021391, AC018719, AL136980, AC007954, AC004859, AC020906, AL049758, AC008770, AC058791, AC006120, AC073898, AC006064, AC006483, AF001552, AP000502, AC006561, AL136300, AF045555, AP001712, AL035249, AC005522, AJ295844, AC006994, AC007686, AC006273, AC006557, AC005599, AP000105, AP001714, AC003663, and AC005971.
HETDA81	394	100835 8	1 - 363	15 - 377	AA164850, AJ347829, AA164851, AI539038, W87820, T91042, AW103512, AI208103, AI538025, AW959576, BF513984, AI886882, AI827139, AW571976, BE565889, AI557283, AI565180, AI673742, AA827331, AA164745, AW665930, AI862333, BE971469, T83877, AI590154, AW966053, AW975618, AW959628, AW966531, AW978634, AW966534, C14331,

D80043, D58283, A W966013, D59787, A W966041, D80166, D80195, A W975621, D51423, D59619, A W978661, D80210, D51799, D80391, A W960553, D80240, D80253, A W719822, A W720791, A W966054, A W718489, A W720203, A W718692, A W966050, A W719188, A W973307, D80227, A W959469, A W966062, A W719324, A W718440, A W719783, A W720028, A W959597, A W965177, D57483, A W959570, A W718800, A W720211, A W718844, A W720464, A W719557, A W718770, A W720731, A W699447, A W722801, A V723927, D59859, A V724520, A V699550, A W964488, A W949641, A W949656, A V699927, A W949642, C14429, A W959202, D80212, D80196, D80188, A W960465, D80219, D59927, D59502, A W718633, A W975605, D80269, A W965158, D80038, D80022, D59275, D81030, D59889, A W959799, D80193, A V742001, A W719468, A W949632, D59610, A W949629, A W949653, A W949645, A W949646, A W949633, A W949654, A W949658, A W973485, A W949631, A W949643, A W949618, A W949657, A W949655, A W718931, A V720654, T03269, D80024, D80164, D80366, A W965163, A V720812, A V721386, A W966043, A W973334, A W966022, D50979, A V723097, D50995, A W973447, A W966029, A W978648, D80241, A W959582, D80378, A W973541, D80045, A V700889, A V742667, A V701125, A V701335, A W964756, A V701166, A V742430, A V701043, A V701332, A V701017, A V701248, A W958992, A V742048, A W718938, A V701431, A W958993, A W178893, A W959136, A W959062, A W964477, A W956434, A V718707, A W966065, A W752082, A W965197, C15076, D59467, A W964737, C14389, A W753053, A W973474, A V701004, A W962245, A V701419, A V701154, C14014, C75259, A W956397, A W965185, A W965184, A W962082, A V701443, A W966075, A W966560, A W973488, A W965175, A W973482, A V700229, A W965176, A V699669, A A305409, D51250, A V701130, A V701149, A V701422, A W966023, A W960504, A W960564, A W975613, A W973330, D80134, A W960473, A W965196, A V720878, A W960570, A V718530, D81026, A V719049, D51060, A V699682, A W964532, A W975623, A V719628, A V645389, A V681510, A V681491, A V645344, A V699479, A V699746, A V701428, A V701415, A V701344, A W973465, A W966059, A W973470, A V645343, A V681529, F13647, D80268, A C006047, A P000509, D84394, A C009542, A C083862, A C009330, A L158167, A L080317, A C010877, A P001629, A P001748, A L357654, A L122001, A C008554, Z98750, A C010598, A62300, A62298, A84916, A X047063, A X047064, A X027925, A J132110, A X033851, A R070327, A X021518, X67155, A J302649, A X020191, A67220, D89785, A78862, A X020190, D26022, A R018138, A X035434, A25909, Y17188, D34614, A X047062, D88547, A R025207, X82626, A R092424, A J294956, X68127, A F058696, A X028130, A R008278, A F260572, A B028859, A X015396, Y12724, A B012117, A R087649, A R074545, A J287395, A85396, A R074141, A R066482, A44171, A R088705, A X042372, A85477, I19525, A86792, X93549, A94995, A R008443, A82595, A R060385, A B002449, I50126, I50132, I50128, I50133, A R066488, A R016514, A F135125, A R060138, A45456, A26615, A R052274, A R066490, A R074139, Y09669, A43192, A43190, A R038669, A30438, I18367, A R066487, A R074136,

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HODEI92	395	100835 9	1 - 1064	15 - 1078		AW970780, AA292507, AA131133, AW009250, W93698, AA443637, BE326280, AA815396, AA524536, AI131316, AA716422, AW167811, A1989794, AI204695, AI206303, AA235322, AW102822, AA195671, AW104260, AI686439, W93749, AA131081, AA195672, AW367192, AI254818, AW352181, AI611923, AW367188, H48933, AX016191, AX016189, AF088074, AF190501, and AX016183.
HODEB58	396	100837 2	1 - 459	15 - 473		AL157628, AU123801, AW502001, AA247157, AW996782, AW996780, and D86985.
HODEG86	397	100837 9	1 - 634	15 - 648		AC008750.
HODFA57	398	100839 6	1 - 627	15 - 641		AL034561.
HODFB31	399	100840 1	1 - 606	15 - 620		BG036348, AV688303, BF243944, AU125772, BF967928, AL355112, and AK022722.
HTEMP79	400	100840 6	1 - 1003	15 - 1017		BF979841, BF979305, BF979296, BG150564, AI341338, AA910069, BE503224, AA910067, AW340554, AA868285, AA861100, AA917718, AA129040, AL038500, AI221381, AU137865, AU120146, AU125654, AU131460, AU135444, AU120558, AU131110, AU139759, AU138029, AU139592, BE893418, AV714298, AW239516, AV713810, AU135947, AV715665, AU129590, AU138204, AL038186, AU134855, AU134811, AU117756, AU139562, AU134643, AA205818, AU139871, BG168497, AU129389, AI239750, BE613687, BE396928, BF967070, BE618106, AU136621, AA912915, AU126929, BE890856, AU135184, BE907987, AU127952, Z99424, AU134720, AA206189, AW996933, AU136524, AV724976, AW842650, AW842596, AV715554, BE892925, AA205550, AW842656, BF966532, AU119441, AV721305, AU118998, AW842593, AU118558, AW842553, BG152681, BE542111, BF701180, BF671574, AW451940, AI149958, BF512132, AW590832, BE781825, BE568730, AW590222, AU136337, BF574935, BF575983, BF969659, BF572912, AA315719, AA224536, BF671221, BF507657, BF244704, BF222463, AU136454, BE566974, AW390941, AA333736, BF976004, AI637727, BE839049, AI628722, AW385599, AI205669, AA232305, BE504056, AA224264, AI969344, AW842657, AI651532, BF130108, BF673027, AA401546, BE620495, AW952726, BE894917, BE782983, AA769771, BE622263, AA102022, BE812973, AA605007, BF923140, BE177709, Y08713, AV652507, BE243891, AA317641, BG251796, R86883, W40563, AL038869, Y08710, BE177607, BG027535, AA911682, AA400010, T31615, AW860317, BF512166, AW628844, AA215844, AA609369, AA327908, AI205700,

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HOFMU69	405	100901 7	1 - 1428	15 - 1442	<p>AW971085, AW969673, AW971320, AW970576, AW971738, AW969787, AW973646, AW972325, AW979152, AW974926, AW969634, AW971262, AW979155, AW969680, AW975645, AW975672, AW971040, AW972894, AW969885, AW970070, AW972153, AW979302, AW971108, AW974924, AW979090, AW971114, AW971299, AW974945, AW969655, AW971188, AW974075, AW975364, AW971968, AW971342, AW979169, AW972152, AW970896, AW972280, AI318479, AW974900, AW975043, AW971060, AW971315, AW974103, AW969847, AW971363, AW974903, AW970886, AW971352, AW974127, AW973992, AW975031, AW972662, AF117711, AF145782, AF107761, AF105261, AJ245375, AJ245377, AJ245376, AR066494, AJ238010, A93923, A93916, AJ276253, AJ276255, AJ276256, AR096545, D17247, AJ276251, A93931, A85203, AJ276254, AL133053, AL122101, and AR023813.</p> <p>AV684729, AW028063, BF966613, BF183036, BF513083, BE856253, AV725683, BF967767, BF476032, AA037314, AW025205, AW118083, AV654724, AI553845, BF739803, BE874632, AV721664, BG032797, BE835358, BF107095, BE835421, AI936938, AW629496, BF112039, AI627928, BG036935, AI283403, BF978144, BF240167, AW469390, AI805469, AI027476, AA926654, AI818906, BF977973, AI421269, AI291304, BF081332, AW074838, N57371, AW001973, BF515401, BF370065, AA970745, AA102090, AA463457, AA923662, AI309195, AA568740, AA972072, AI276170, AI718178, BG058506, AI384119, AW182398, AI002643, AI277271, AA937950, AA905140, AI290395, AI304767, AA731671, AA934048, AA311659, AA610079, AA907546, AI694431, AA854770, AA905147, AA056233, AA804207, T87107, N31503, AI358287, AA055922, AI221597, AI041581, AI204193, AI806731, AI554900, AI268390, AV654948, D62387, AA099343, AA258407, AI809900, AA988126, AA872540, AA890504, C15485, AL119457, AL119399, D62335, AL042382, AL042544, AL079794, AW877209, BG164558, AL079741, BF925729, BG168696, AL119511, BG032704, AV681630, AV682252, AI627988, BG166654, AW149925, AW983783, BF970449, AW161156, BF814527, AI269862, AI537677, AI340603, AV734329, AL119863, BG029667, BF970990, AI796743, AI536685, AL514129, BE964614, AL037081, AW983829, BE047852, BG260287, AW051258, AV753074, BF814420, AW029611, AI564719, AI500061, AI537244, AI677796, AL040241, BE885353, AI698391, AL514879, AL120853, AW169671, AW051088, AI475371, AI926790, AI591420, AI889376, AI932794, AW983703, AI524671, BG260037, AW983691, AI611738, AI619502, AI632408, AI802542, AI889189, AI288305, AW118518, AI270183, AI570807, AI635492, AW026882, AI635067, AW050522, AI923370, AI281772, BF812960, BF812938, BF970652, AI921248, AV650703, BF827575, AI620089, AA449768, AI433157, AI702073, AI933589, BF812961, BG109270, BF107577, AI478123, AL037104, AI633125, AI915291, BG031815, AI582932, AV757737, AI890833, AI468872, AI521560, W74529, AL037454, BE045182, BF885081, BF904265, BG179993, BG257535, BF970768, AI917252, BG110517, BF987104, BG168646, AI797908, AI521012, AW117746, AV743962, AI274508,</p>
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HE2ES17	408	100934 9	1 - 1483	15 - 1497	AI796908, AA042903, AA902540, AA045373, AW663109, AA983152, AA526492, AI708146, AA625776, R82583, R23201, AA046559, AI961811, BG112634, D55818, AI928322, AA452433, AA985418, AA354943, AA382564, R82523, T28227, AA916195, N81192, T51545, BF680901, N22292, AW380569, AA040894, BE042443, BG105056, AW889077, BF807114, AA935289, AL049610, AF095906, and M99701.
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HELHM06	409	100936 2	1 - 336	15 - 350	AW327723, AW674864, AL516842, BE882980, AL532515, BE799552, BE896851, BF984921, BE396422, BF826008, BE799625, BF826769, BF218169, AU077063, AV687313, L14076, and AC004236.
HE2AG50	410	100936 5	1 - 1794	15 - 1808	AI453045, AL528826, AA856613, AI912949, AI739056, BF966732, AI986110, AL519448, AW613375, AI379787, BG032945, AW962214, AI914227, AA582587, BF590115, BF514600, BF680870, AI587526, AI867178, AA505399, AA683551, BF431318, AI078274, AI928459, AU144502, AA766846, AA815041, AI281397, BG170712, AA232560, AW051473, AA523261, BF576501, BF108639, BE242521, AW951858, AI354235, AL039035, BF572328, AI301459, AA126940, AA326462, N70794, AI281454, AA651932, BF574933, AI826813, AA278487, AI349091, AA197245, BF672052, AI700825, BF694355, BF668070, BE247045, BF673072, H43036, AV659423, BF671763, W67786, AI370310, AW631375, W67845, BF966298, AL047459, BF574129, F03536, AI301406, AI630671, BF693378, AA367445, T28398, BG057778, BF790818, BF574845, BF571244, AI525002, AI825974, BE174789, Z20344, BF575895, C15076, D80522, D59467, D59787, D80164, AV701004, AW975618, AV699866, AI569419, AW964532, C14331, AV718530, D81030, D59627, AV738340, D80366, D80258, AV700159, AW966330, AW753053, D81026, AW973541, AV699550, AV718489, AW377671, AW964468, D80064, AI557751, AV718692, AV718681, D50979, AW973445, AW966029, AW959628, AW958993, AV724520, AV701422, AV720035, D80043, AW959799, D80133, AW960465, AW960553, D80248, AV720878, AW966531, AW978634, AV741191, AW966053, AW973334, AW958992, AW965163, AV720533, AV719783, C14389, AV720464, AW966059, AV720791, AV718440, AV720028, D58283, AW966022, AW966041, D59927, D59859, AW949632, D80022, AW973485, D59275, AW949641, AW965177, D59502, D80391, AW965158, D80253, AW966030, AW964756, AW966043, AV742996, AW960473, AW959469, D80132, AW965196, AW965184, AW966534, AW966075, AV718844, AW966065, AW973482, AW966054, AW975621, AW962082, D51423, AV719822, D80196,

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HE2ES61	411	100938 8	1 - 1258	15 - 1272	AF075305, AW439817, AW439844, AI493164, AA203275, BF690753, AA533476, N31463, AI435348, AA838687, AI334356, AI282866, AI823812, AV719236, AA507026, AW138875, AW236781, AW996877, BF445452, BE673101, AA035519, AW118716, AA219612, AW194890, AA737528, AA453621, AC005034, and AB026911.
HE2SO43	412	100939 8	1 - 1107	15 - 1121	BF345442, BE745400, BF002361, BF591185, AW006311, AI740645, AW972577, AW190738, AW872945, BF590839, AW515791, AI337338, AI623327, AI160758, BG055059, AI146399, AI955183, AW130008, AI380399, AI375011, BG222460, AI539558, AI217110, AI371688, AW615545, AI360696, AW004738, AA885332, AA506508, AI264485, AI356161, AA280731, AW873997, AI479723, AI471972, AI077764, AI356162, AI472175, AA557465, AW007779, BE463808, H29892, AI240814, AI521518, AI356160, BE827863, BF215793, AI419525, AW248081, T23536, AI424657, H17888, BF434314, AA877639, R96881, BF000404, AI934283, BF510867, BF588477, R96880, H19299, T88997, R72799, AI370746, BF806860, D45762, AC006547, AC000083, AC000097, AK025106, X56044, AC003060, and AC012526.
HLHC107	413	100940 3	1 - 517	15 - 531	W31456, W52407, AC005410, AC020744, AL445249, AL132821, AL035652, and AC016925.
HTTBR65	414	100941	1 - 461	15 - 475	BE314959, AW411287, AW411286, BF304101, BF976822, AW411455, BF344411, BF339991,

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HPFCV71	415	100945 3	1 - 661	15 - 675	AW028647, R31337, BF892076, BF892569, AW816131, BF988799, BF993589, BF990226, AA224815, BF773356, AV732057, BF992718, AV730440, AA565911, BE464585, AW301855, AI281622, AA523719, R68706, AA640823, AW023376, R31595, AW835334, AA728954, BF992721, AA362440, BF992720, AA640563, AU147781, AA935827, AI318304, H16875, AW968193, AW850985, AW162314, BF821112, AW162332, BF849123, BE974024, AI268491, BF917144, AA985194, AW407007, AI909640, AA833828, AW953071, BG255923, AI625175, AW572713, AI345146, T47429, AA015948, AA112864, AU146575, BE880448, AW080772, AW157173, AA878955, AW973825, BE246411, BG260565, AA932787, AL537432, BE706737, AL537956, AV720475, F23268, BE312650, AW962187, AA984920, AF178081, AC006077, AC010519, AC007619, AC005730, AF023268, AC008745, AC003693, AC016027, AC004797, AC016830, AL163279, AP000031, AF121781, L78810, AC008635, U89336, AL080243, AL022315, AJ006345, AC034186, AC010091, AC005759, AL031848, AC004973, AC083863, AC005484, AC005049, AL021807, AC005519, AC005759, AL031848, AC007899, AL162424, AC022150, AC006006, Z83844, AL162505, Z97056, AP001714, AL031281, AC010463, AC005057, Z49155, AP001629, AL121928, AC005763, AL133458, AP000556, AL136137, AP000552, AC000353, AC010422, AC023490, AC005668, AC006345, AL136179, AC004448, AC009194, AC005412, AL031588, AJ009615, U85195, AL078460, AL135787, AE000658, AC005822, AL139342, AL035071, AL008582, AC005058, AL122001, AC018644, AL009179, AC007384, AC004634, AL031767, Z93015, AL049838, AC019210, AC011475, AP001748, AC005288, Z98036, AP000558, AL109797, Z84477, AL121653, AL049872, AF205592, AC000134, AC019183, AC073898, AC006057, AC005620, AC010311, AL035658, AL133240, AC008276, AC011480, AP000557, AC006285, AC005231, AL033378, AC005066, AC010458, AC011811, AC022148, AC005516, AC005844, AL022165, AL109935, AL353748, AL117258, AC005940, AL133353, AL391259, AC010527, AC004254, AF205588, AL158040, AF146367, AP000131, AP000209, AP000248, Z99716, AL035417, AC004087, AC004552, AC008733, AC010618, AC007969, AC011493, AC007386, AL023575, AF088219, AC005911, AL136120, AC004234, AC005043, AC004890, AC026776, AC005829, AC006337, AL117381, AF134726, AC004638, AL133227, AC011465, AC007956, AC007226, AC011500, AL035495, AC018751, AC009516, AC005913, AL022238, Z74739, AF165142, AC008543, AC006023, AJ277546, AC004024, AL031228, AL135844, AL161672, AC002107, AP000228, AP000140, AC005052, AP000088, AP001694, AL033529, AF111169, AL136418, AC012309, AL121586, AC004915, AL079342, AL136172, Y18000, AP000703, AC004991, AF196969, AC005695, AL138960, and AL122014.
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AI302389, AI305881, AI305921, AI305917, AI305923, AI305987, AI306023, AI306036, AI306087, AI306092, AI306102, AI306178, AI306204, AI306253, AI306290, AI306293, AI306288, AI306306, AI306316, AI306345, AI306813, AI306828, AI306838, AI306844, AI306847, AI306865, AI306874, AI306892, AI306891, AI306907, AI306910, AI306932, AI306931, AI306938, AI306980, AI307041, AI307044, AI307047, AI307050, AI307058, AI305298, AI305302, AI305323, AI305324, AI305354, AI305356, AI305368, AI305362, AI305375, AI305388, AI305397, AI305396, AI305434, AI305460, AI305481, AI305504, AI305535, AI305588, AI305596, AI305604, AI305611, AI305636, AI305715, AI305735, AI305743, AI305750, AI305783, AI305792, AI305798, AI306110, AI307111, AI307506, AI307519, AI307837, AI307844, AI307861, AI307873, AI307922, AI307935, AI307942, AI308252, AI308266, AI308288, AI308293, AI308321, AI308411, AI308482, AI308500, AI308565, AI308620, AI309089, AI309157, AI309165, AI309437, AI309668, AI309691, AI309811, AI310034, AI310260, AI310298, AI310300, AI310547, AI310556, AI310618, AI311293, AI311621, AI311625, AI311871, AI312140, AI312225, AI312244, AI312269, AI312294, AI312457, AI312469, AI313303, AI334502, AI334514, AI334521, AI334734, AI335142, AI336630, AI336740, AI337717, AI337753, AI340375, AI340479, AI340598, AI340622, AI340692, AI340755, AI340764, AI340786, AI340787, AI341014, AI341018, AI341020, AI341033, AI343054, AI343108, AI344881, AI345071, AI345098, AI345139, AI348948, AI348949, AI349071, AI349672, AI349693, AI349727, AI349780, AI349851, AI349893, AI349894, AI349953, AI350030, AI357422, AI345771, AI345793, AI367458, AI371652, AI436499, AI436547, AI432883, AI431552, AI435725, AI435744, AI473009, AI473050, AI473159, AI471453, AI492802, AI492813, AI567281, AI580544, AI580580, AI580587, AI580626, AI580637, AI581234, AI581246, AI581256, AI581260, AI583305, AI583350, AI583372, AI583460, AI583457, AI583471, AI583769, AI583790, AI583862, AI583903, AI583932, AI223476, AI223521, AI223526, AI223536, AI223540, AI223574, AI223605, AI223620, AI223709, AI223719, AI223724, AI223749, AI223876, AI223945, AI224186, AI224220, AI224229, AI224225, AI224298, AI224315, AI224428, AI224630, AI224668, AI224670, AI224677, AI224682, AI224701, AI224719, AI224717, AI224730, AI224732, AI224791, AI224828, AI224829, AI225163, AI225172, AI225186, AI225190, AI225264, AI185566, AI265737, AI265762, AI266756, AI590464, AI591241, AI609840, AI610007, AI611501, AI611618, AI611873, AI611903, AI612017, AI612049, AI613407, AI680180, AI88325, AW071253, AW071271, AW071333, AW071354, AW071367, AW073024, AW073618, AW074771, AW074927, AW074944, AW075204, AW268054, AW268084, AW268207, AW268222, AW268244, AW268289, AW268737, AW268912, AW268969, AW271059, AW271117, AW271139, AW271873, AW272013, AW273965, AW274104, AW274208, AW188746, AW301788, AW301876, AW301904, AW302300, AW302437, AW302645, AW302661, AW302710, AW302801, AW302843, AW302840,

HAOS169	423	100994 9	1 - 4383	15 - 4397	<p>AW302927, AW302964, AW303015, AW303021, AW303147, AW303179, AW303194, AW303225, AW303237, AW303239, AW303252, AW304642, and AW304667.</p> <p>AL518153, AL514204, BF690166, AL518152, AL514232, AU119073, AI347077, AU141798, BE732782, BE733859, AI186525, AI087288, BF110427, BF690424, BG036070, BE314678, BF982297, BE408935, BF034889, BF026282, BG113234, BE735456, BG249149, BG254771, BE261734, BG164248, BE384352, BG108338, BG166752, BG164026, BG104433, AI912334, BE410400, AI824103, BE382880, BE909819, BG164480, BG180537, BE390020, BE882944, AU123945, BG260903, BG122650, BE879705, AW080962, AA425549, BE408324, BF984892, AI814595, AI953979, AI453532, AI382164, BE396090, AI073747, BF337213, BE539444, BE047090, AL521610, BE273543, BG168476, BG253147, W67603, AI624162, BE899510, BF315611, BG254192, AA425389, BE409154, BG025942, AI689037, BF800051, AI288304, AI081104, AA599485, BE613371, BF689940, BE617351, AA148042, AI276505, AA577596, BE274186, AA516104, AA948080, BG165628, BG167809, AW169156, AU159265, BF061548, W67604, AI333594, AI366087, AW771113, AI351505, AI499061, AA908347, N26056, AA642944, AI023701, AL521609, BE895819, BG027950, AA160603, BE407745, AA403248, AI514203, AI284911, AA563710, BE390287, BE881555, AA487700, W46412, AI755078, AI289794, AA402387, AW770816, BE909356, AI753397, AW771076, H98049, BG153386, AI311390, BE873437, AI660881, BF984639, AI741468, BE893074, BE892029, W44436, BF088795, AI700678, AA148043, BE537043, AW292848, AI073353, BF088796, AI366117, BG112974, AI272818, AL135581, AA100801, BG167152, AA631077, AI085348, BF109995, BG111588, BE091204, BE164704, H99284, AI055890, N32676, AI633564, AI740837, AA613344, W92651, BF750470, AI278890, BF769504, AW503909, AI123599, AA226806, AI273471, AI298125, AI571777, AA403090, BF207039, AI095335, AA100854, AA102307, AI344561, BF082578, AI924926, N42086, W95203, AA029402, BF741015, AI146884, AI921518, BE167894, AI190622, W46300, AA100676, AA983722, AW954336, AI346589, N40420, BE612645, AI066484, AW369618, AA994114, W44495, AI752230, AA699584, BE718794, AA909844, AW514883, AA113245, AA133137, BE075271, BE075108, BF763944, AA525859, BE718798, AI752231, BF998505, BE718788, BE718805, AW298822, BE718809, BE541980, W48631, BE276181, AI079968, H20622, BE718795, BE772730, N27141, BF838848, BF762434, BF762460, AA151696, AI873252, BE080779, AI274886, AA113772, BF762443, AW263140, AI568929, N75459, BF798824, BE772750, BF689500, BE772733, BE772741, AA535600, AW264602, AW275281, BE926624, AI339890, AI168564, BE081115, AA126942, BE080727, AA453606, AA064623, AI620604, H66084, AI271377, BF750338, AA076431, AW131206, AR028135, I23762, Z23022, I96214, AR034830, M74092, AR043601, AR043602, AR043603, X75207, S78355, M64403, D14014, U40844, L09054, Z29078, I23763, AR034840, U00682, AF212040, S71637, AF182716, AF067056, AF148946, X66970, AR034527, AC004093, AC005743, AF029728, AF267747, AC004686, AC018767, AC068808,</p>
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HSDIY67	424	101015 7	1 - 1951	15 - 1965	AL526028, AL526085, AL529838, AL535461, AU120059, BG109937, BE780488, A1871620, AL529837, AA557390, BE791119, BE048954, AW300798, A1983510, A1356030, AA991670, AW026416, A1338588, BE697112, AA670019, BF109571, AA205947, AV682666, A1660386, AA975600, BE697110, R19774, AW961461, AW779506, H27830, AA359481, AA905792, BF927854, Z20638, BF355680, A1381389, A1748877, AA092002, R45193, BF369972, AA317627, AW664962, H27599, A1802448, AA007505, BF352188, BF802323, AA358233, BF802322, AW891751, BE670864, BF511450, AW891686, BG035631, BE267560, BE877499, BF814357, AW020710, A1888501, BF752999, AV764282, A1150993, BE536058, BG031791, BE965621, A1340519, A1473808, A1538885, AW020397, AW949931, BF0322768, BG252315, AW152182, AW268072, AW813006, AW268261, AW089572, A1312325, A1612885, A1923989, BE965599, BF753056, BE877142, AV755614, BF904194, A1859991, BE047833, A1345415, BF914297, AV733745, A1312542, A1624529, BF338002, BF798503, AA579618, A1609128, AW935969, AV757996, BE963838, BE176248, BG107576, BE965732, BE966278, BE967187, BE889038, AK021950, AF226056, A75291, AC004383, S60260, AL133665, A77033, AL080124, I48978, AK025414, AF119896, AF114170, AJ299431, A18777, Y16645, AK026642, AF119871, AB048953, AL110196, AF026124, AF090934, AK024992, A93016, AF116676, A77035, AF067790, AF130055, AB048919, AL353957, AL122118, AF000145, X83508, I89944, AF065135, AL1359583, AX045627, S79832, AF022363, AF119865, I48979, AK025435, AB052191, AL137533, U88966, AC002467, AF110640, AK027200, AL049276, AL050092, AF116688, AK026528, AL137478, AR000496, AL049382, U39656, Y08616, AK025465, AR068751, AF210052, AF119859, and AK026784.
HSDZM65	425	101029 9	1 - 1348	15 - 1362	A1344321, AW194980, AW162622, AW161811, BE695903, AW960568, BF589126, A1701104, AU154426, BE045555, BF033598, AW853100, BF971574, BF814791, A1970794, A1934386,

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HPDOC39	426	101040 0	1 - 1107	15 - 1121	<p>AL518597, AL521465, AL521860, AU142321, AL519163, BE791154, AV710439, AU137468, BG108541, BE875817, BE908178, BE794167, BE616810, BE797530, BG177616, BF791974, BE563172, BF203748, BG122611, BF983927, AU138928, BF304118, AU136676, BG256808, BG166547, BE908232, BE900747, BF981499, BE259007, BF984319, BF982660, BF203883, BE889058, BG121889, BE409876, BG028149, BE886412, AU135659, BE409111, BE777856, BE396964, BE891193, BE737086, BG252022, AW608289, BG115304, BF303724, BE888387, AW392529, BE562432, BE258634, BE889878, BE269473, AI174700, BF794665, AU134289, BG254012, BE254220, BE252060, BF215570, BF691292, BE295498, BE297846, BE409000, BE259383, BE259293, BG106782, BE780774, BF792473, BE539784, BE269036, BF699793, BE936340, AW978187, BF984873, BE089821, AW392532, BE409484, BE884858, BE872222, BF983743, BF983915, AL044183, BE268220, N28894, BF087516, AA488136, BF800736, BF027913, AA143588, AU139273, AI815968, AW405832, BF674380, H11682, N42210, BF336934, W31775, N56608, N40261, BF810364, BG171478, AA805505, AA101513, AA101590, BF203625, AA085473, AI080684, AA338102, H85230, AW235051, AA552394, AA354823, BE645922, AI375591, AA356478, AA189014, AW392524, AA425206, BF083740, BE782032, H73591, AA159876, BG164729, H73817, AA373687, AA912092, BE083129, BF894997, AA356309, AW892368, AW582387, BF758870, R84501, D60569, W25687, T24902, H49162, AI565353, AW835598, T89376, BG011455, AI128815, BE698610, AA813807, AW582390, AA295075, W04674, N29653, BG117269, AA975223, AW381345, R58308, AL521859, AI445105, BE999943, R85283, AL521464, AL519162, BE813178, T80058, AW837148, AF130113, AB009282, AR052337, AC009032, Y12517, and X96392.</p>

HE2PS15	427	101052 5	1 - 600	15 - 614	<p>BF244650, AW961558, AW248089, AW967334, BG029757, AV701568, BF219959, BF694529, BE791161, BF037860, BF696944, BF678089, AI186311, BF220033, BF219215, AI148765, AI582766, AI806566, AI209154, AI144495, AW305249, AI189759, AI478931, AA569869, BF965022, N30742, AA569868, AI491886, AI038347, AV739006, AI807215, BE391925, AI046958, BE858225, AI936891, AV742884, AW169997, AA742511, AI251732, AV715771, AV717459, BF668463, AI363204, AI057284, AI046957, AW182041, AI827188, AA115690, AA651663, AA978142, W30854, W15644, AA707791, N94563, AW249748, AA654862, N80826, AV764171, AI005595, BE896961, T90621, W31005, AA284212, BF965077, AV711844, AV734517, AA531530, AI132988, AW592487, AV733754, AV727768, BE565651, BG231096, BF245459, AV717832, AV745224, AV744752, AI190937, BE280227, F30153, AA953551, D53844, AV715232, BF216076, H91807, AA134308, N41841, BF244274, AA983553, AA134316, AA134315, AV746231, BE866551, F28648, H87571, AA468556, AA974508, AI066796, AI305827, AA554533, AA308101, AA654533, AW470941, AA548236, AA84280, AI244424, AA903485, AW023614, AA557186, AA864769, AA283903, AA650169, AA081589, AW183938, BE892296, BF679200, F36175, AA084667, AW275122, AI302453, AV739848, BE843421, AV741558, AA746065, F27405, AA907836, AA305437, AA852663, H92083, AA654036, T84144, BF247506, AA279759, T89384, BF209126, AA552449, AA906338, AA972090, AA133509, AA730939, AA626444, N56092, AA865834, AA215865, BG230951, H91708, AA134307, AI420622, AA937615, AW975237, AI040250, AA664941, AV746261, N98724, AV746266, F36194, T24920, AA369378, AW105551, AA506732, T83147, AV754243, N56408, F30237, H03246, AA341970, F18332, AA330234, AA635717, AA836574, AW189710, W30743, AI264957, BE074950, BF831201, AA730937, F18565, AA092677, AW975227, AA664664, AI701784, BF527500, AA665052, AA521064, AA094070, H03245, AA552043, BE693458, AW886065, AI000083, AI128403, BF571166, AI674940, AI200568, N94464, H95707, AA657887, AI038336, F20977, BE673362, AI332537, BF683735, AI674878, L25345, F37912, BF239600, AI336903, AA654565, AF054175, and AF116639.</p>
HTTKH22	428	101059 6	1 - 1790	15 - 1804	<p>BG258097, BE565269, AW970826, BE972364, AW104509, AI935735, AA428565, AA948090, AI149846, AA564462, BE972491, BF241442, BE144496, AA429521, AA741348, AI357926, AW296387, BG150242, AA412328, AI589867, AW205827, AI916262, T15665, AW090362, AI933368, R12639, BF360955, R20539, AI480273, AI698477, BF083192, BF083189, BF083190, BF229315, BF743777, BF083194, BE972369, AA825483, BE767465, AW371194, BE543997, BE768945, BF229316, AB046777, and AC009464.</p>
HNOJG33	429	101069 8	1 - 1694	15 - 1708	<p>AL514076, AU136058, BE871934, BF037005, BE734065, BG121727, BF340061, BE300394, BF203968, BF204799, BE300047, BE538261, AV761233, AW409777, BF805377, AW409668, BF205527, BF816400, BF679197, AV724965, BF206008, BE467989, BF445887, AI903791, AI500392, T64826, AA860771, BG152814, AI382895, AI903792, AW373027, F12113,</p>



HPDVK48	430	101109 0	1 - 1811	15 - 1825	<p>AI740878, H84580, AI369972, H38748, T97648, AA248719, BE537116, BE711210, BE817487, AL514075, R10203, T97682, AA316821, BF003096, AA339588, AW005868, N42355, H24794, AA364975, AU076536, AV742658, BF155770, BF081246, AA772366, BE677850, W96073, AA095922, AA091703, BF307175, AA324375, U01160, AC000028, U81031, S78432, and AJ388529.</p> <p>AI817702, BE734213, BG109696, BF343215, BG031900, BE902597, BF027605, BF027576, BE893930, BF591342, BE732160, BE384437, AI870638, AI816966, BF974651, BE732127, AW082941, AI955901, AI588852, T51227, T51341, BE732330, BE733010, BE799315, AA688018, BF827100, AB029041, D43921, D88508, and D88505.</p>
HNORJ10	431	101118 6	1 - 2847	15 - 2861	<p>AU134078, AU119820, AU133300, AU126958, AU130520, AU133937, AV702394, BE877191, BE881502, BE877741, BG108056, AU119090, AU128582, BE782436, BE894349, AU133707, AI755105, AU116910, BG258563, BE788956, AV683379, BG118247, BE778857, AI204482, BF210654, BF217005, AW304738, AA887584, BF240843, BF678567, BF692112, BF571072, AA760671, BF923330, BG250728, BG119747, AA937180, AA504114, AW630580, BF696849, AW130041, AW055333, AU145515, C75335, AW237574, BE565110, AU130502, AI559451, BF572471, BG108209, AW080347, BE176786, BF340233, BF345008, BE737877, BE179704, AA410905, BF699275, AI042306, BF691962, AI752907, AI192876, AI924084, BF349490, BF246432, AA594633, BF794025, AI754970, N66338, AI342267, AA628679, AW674966, AW272202, AI673480, AW835336, AU156216, BE696419, AA171565, AW079029, BE696416, BF982798, AI921994, BF699321, BE696412, AW440948, AA664266, AI572874, D83902, AI754356, AI569623, AI625058, AW468158, BE539716, C75346, BE696421, AI541217, AA244037, D56430, AW794837, BE464416, AU149708, AA613984, AI520695, AA789181, AI818726, AA653377, BE738338, AW835340, AA156339, D53682, AW860422, AW800395, BF691025, AA598526, BE178042, AA904195, AW768275, AA204639, AW674968, AL121041, AA152250, BF919693, BE925260, AA367404, AW615031, BG260753, AA848082, W47003, AW862545, R71408, BE696408, AW860808, T32121, AA627976, BF690899, BF917679, BE937469, AA446236, D81210, AI721007, AW860804, D81637, AA659654, AA037225, BE184816, N23467, AW750094, AI476075, BE764312, M85743, AI446812, AI758576, T32145, BE177013, AA757693, BE712842, BF921651, BE767238, AA853819, BF326140, AI273910, AA279252, AA381186, BE160136, BE244985, AA152260, BE937463, AA508507, D83831, T35966, AA206071, AW753040,</p>

					AA463528, BF350600, AA853818, AI826048, TI0441, BF902633, T30084, AA664662, AA296747, T32012, BF081538, AU127062, BF351535, AA294865, AW194536, AW389667, BE154256, BE764183, BE764188, R71621, AA339945, AI590860, BE764172, BE764166, R71117, AA847057, BF081731, BF355957, AL121085, BE764191, AW273705, U29165, U22431, AF207602, AF207601, AF208487, AF050127, AL137129, U85044, AB018398, X72726, X95580, AF003695, U59496, AF057308, AB013746, Y09507, Y09085, AF004155, AF050124, AJ227916, AF050123, AF004152, AF050122, AF004149, AF050121, AF004148, AL049780, AC007055, AF050126, AF050125, AF004154, AL133057, AF154121, AL122049, AL162062, AF218253, X56530, AL049423, AL133607, E04257, AL133015, E12888, AL133053, AL133049, AF119894, AL133081, AL122101, E13998, AK026442, AL133076, AL133608, W47022, AA504372, AA714314, AA091910, D11752, AA788713, TI0413, TI0820, AI453464, AI684085, AI933855, and AW439013.
HPDRG92	432	101120 9	1 - 347	15 - 361	AL529603, T96738, R90778, H47758, AL529602, R94024, AA323896, AL523542, AL525995, N51812, AB033116, and AK001713.
HOFMQ81	433	101130 3	1 - 915	15 - 929	AL119457, AL121894, Y11587, AF118064, I48979, AF113690, AF130104, AF130082, AF130105, S78214, AF116646, AL110221, AF130075, AF113691, AF090934, AX046603, I89947, AF116602, AL389978, AF116639, AB048953, AF113694, AF118070, AL133640, AL157431, AB049758, AF078844, AL050393, AF113013, AF130059, AL117457, AL133016, AF116644, A08916, AF125949, AF111847, S68736, AL133606, AL359596, AF090900, AR079032, AF116691, AL359601, AF090943, AJ242859, AF116688, AF116631, AL110196, AF218014, AL390167, AL080060, AF138861, L31396, L31397, AF104032, AL049938, AL442072, AL117460, AL050146, AF119878, AL137527, AL049452, I89931, AR059958, AF090903, AF090901, AL096744, A93016, AL442082, AL049452, I89931, AR059958, X84990, AX019230, AF113676, AL080124, AF113677, AL050277, AL122093, AL133093, AB048964, AX019229, A08913, AK026608, AK026045, AK026865, AB019565, AF090896, AK000212, AL050149, U42766, AL050116, AF106862, AB041801, AK025339, AK025084, AL133075, AK025772, AL122050, AK026741, AF119875, AL050108, AK026855, AF219137, AL133080, E07361, AF113699, AK025092, AB047615, AL049314, AK025958, AF158248, AF113019, AL162006, I48978, AL133565, AL389982, AL122123, AF017152, AL137459, E03348, AL359618, AF146568, AB050510, AK026583, AL049466, AF111851, AL133557, AK027096, AF119899, AK026744, AF119909, AK026784, AX006092, AL117585, AF116649, AL080137, AL122121, AL137557, AF207829, AK000618, AL050138, AL359941, X63574, Y11254, AF017437, X82434, AK026504, AJ000937, AF125948, AF091084, U91329, AK026533, Y16645, AK000137, AF314091, AK026452, AK026647, AK000083, AL137283, AB048954, AJ238278, AK026927, AL117394, AK000445, AL353940, AF177401, AF079765, A65341, AL359615, AL049430, AK026592, AB051158, AR087170, AL110225, AK024538, AF242189, AK027113, AK000652, AL049300, AK026532, AK026353, AK025484, AF116610,

					AL133560, AR011880, AF097996, AK025391, AK025491, AK026534, AL137550, AK026086, E02349, A08910, AX042059, AK026542, E07108, AB052191, AL049464, AL117435, A08912, AX026824, AX026823, A58524, A58523, A77033, A77035, AF067728, AK027204, AK026528, A03736, AB047904, AK000432, AF225424, AK026959, AF271350, AL133258, AF130099, AF130066, AB034701, AK025967, AF116682, AL117583, AL050024, U00763, AL122098, I33392, AF177336, and AL049382.
HOFNF27	434	101131 5	1 - 748	15 - 762	AW665000, AL521066, AA089566, Z44690, F05145, AL514786, AL678039, AU131437, BE167328, AA926992, AA249468, AW971745, AW804686, AW392670, BE695785, AW861944, AW604723, AW877209, AW858526, AW858525, AL119483, AL119319, AL119324, AL119355, U46349, AL119457, BE705903, BE705906, AW577135, AW372827, AW384394, AW861889, AW858455, AL119497, AW363220, Z99396, AL119484, AL119363, AL119391, U46350, U46347, U46351, U46341, AL119443, BF868687, AL119444, AL119341, AL134538, AL042984, BF868697, AW604726, AL119439, BF868684, BE705905, AL119522, AL119396, U46346, AL043011, AL119335, AL037205, AL134533, AL134920, AL134524, BE705904, AL119399, AL043029, AL119496, AL12137, AL134531, AL119418, AW861954, U46345, AL042614, AL043033, AL042544, AL042965, AL042975, AL042450, AL042542, AL043019, AL043003, AL119464, AL042551, U90716, Y07593, AP000967, AF200465, AP001670, AL163204, AF124598, AF109645, Y10320, AF109646, Y11929, U90715, AF169366, AF242865, AF242864, AF169365, AF169364, AB026436, AR060234, AX046357, AR054110, AJ251859, AX030435, A81671, AJ279014, AR066494, AR069079, and AR043113.
HOFND52	435	101131 6	1 - 591	15 - 605	AW971745, AW392670, AW804686, AW604723, BE695785, AW861944, AW858526, AW858525, AL119443, AW384394, AW861889, AW858455, AW363220, BE705903, BE705906, AW577135, U46347, AL134533, AL119363, AW372827, AL119497, AL119319, U46346, AL119396, AL119457, AW877209, AL119324, BE705905, AL119484, U46341, AW604726, Z99396, AL119341, AL119391, AL119355, U46350, U46351, U46349, BF868697, AL119444, AL119483, AL119439, AL119335, AL119496, BE705904, AL134518, AL119399, BF868687, AL134538, BF868684, AL119522, AW861954, AL037205, U46345, AL042965, AL042614, AL134527, AL119418, AL042542, AL042450, AL043003, AL042975, AL042970, AL043029, AL042544, AL043019, AL042984, AL142134, AL042551, AL119488, AL119464, AB026436, AJ251859, AX030435, AJ279014, AR054110, A81671, AR060234, AX046357, AJ251089, AR066494, AR069079, and AR080280.
HOFNL96	436	101132 1	1 - 563	15 - 577	
HOFNF53	437	101133 2	1 - 2384	15 - 2398	AF228061, AX014812, AF228060, AF228059, and AX014811.
HOFMU61	438	101136	1 - 1296	15 - 1310	

HOFOF35	439	0	101149 9	1 - 731	15 - 745	AL520120, AU120794, AU142824, AU142738, AL524453, AL516006, AL531636, AL528608, AU135451, AW960802, BE255275, AF034175, BE251549, BE267417, BE787485, BG260926, BE866693, BF204561, AW402296, AW879901, AA130293, BE783678, AL536177, BE890412, AA026038, BF933394, AW995929, AF061738, AK022055, S65367, and AC006160.
HULFJ37	440	101153 7	1 - 901	15 - 915	AL528378, AU129753, AL523012, AL523055, BE881260, AL536136, BE379029, AI936124, AW157228, BF036785, BE907027, AI246564, BF684205, AW163233, BF032696, AW167783, BF115257, BE908959, BF206407, AW966037, BF058749, BE905304, AA873153, AI814898, AI653634, BF033796, AW167930, BE908776, BE612522, AL523011, BE312284, BE315082, AL528507, BE260964, AA657525, AA846556, AA581813, AW170322, AI675942, AU126752, AW073723, AW439343, AL536135, BE294834, AA905511, BF983613, BE736100, AI672867, BE271931, BE563428, BF033808, AA565888, AU151827, AU126743, AA443893, AU126776, AU126631, BE048096, AI288014, AI349513, AA605069, AA947686, AI354687, AI344761, AA968896, BG110190, BF036720, AA837515, AU126400, BF035189, AW473570, AA857612, AW243736, AI350498, AI363381, AA677118, AA670096, AA427949, AU151595, BE350678, AW182617, AI560969, AU129491, AV699411, AA622740, AA444088, AV700357, AI283102, AI689102, AA569487, AA126127, AA554302, AI653485, AV745161, AL516918, AI354641, AA856700, BE613105, AI358308, AA071541, AI243590, AI546836, AW005289, W76149, AA244008, AI422558, AA775927, AA063086, AA650016, W72586, AW001140, AV698390, AA550916, N92857, BE904189, AI546843, AA773276, AI302461, AL520795, W25583, AI127036, AU126711, AA037265, AA340693, AI185816, AA160689, AL516917, AA885582, BE866790, AA155767, AI904529, AI564903, AA659174, AW474443, AI051519, AA121966, AI494596, AI689031, BF743597, AI351481, BF743584, AI814052, AA428047, BF155259, BF761628, H99387, AA921901, BF799202, AI970995, AU126531, AA687198, AL520794, AA635808, AA126065, AI972309, AW170212, AA928381, AA364687, BF799608, AI784469, AA065175, AA232437, BF114899, AV702749, BE765150, AI758612, AA090244, AI363998, AI868371, AW150636, AI869410, BF743525, AA092613, N31429, BF689044, AA065174, AI566999, BF155224, CI8016, AA525365, AI924384, BF743523, AA528748, AI784640, T28360, BE694608, AA095763, T54666, W19684, AI184108, AI536700, BF688256, AI214861, AA069147, AA834416, BF743622, AA340127, BF063999, AI819683, AA232438, BG055557, BG153008, N90030, AA075883, N88126, AA612817, BF434087, T50502, AA330721, BF743541, AA565183, AA092202, AV697304, AI364889, AI699968, AA428951, AI360411, BG222691, AI908085, AA292397, BF330544, AA630996, R72795, AA155766, AA095477, AA402271, AW366864, AA236707, AW371105, AA720944, BE832973, AI633889, T50637, AI989937, AA055038, AA121965, BE171278, W04805, AA069239, AW496797, T54753, AW799852, AX014110, X55110, I15236, M94250, D10604, AX015411, E04786, M69148, E12896, M34094, AB036426, M34327, M35833, AB025023, M19662, M34328, M61754,	

HOFME75	441	101160 7	1 - 1010	15 - 1024	AA063136, and AA155768. AL523165, AL515551, AL537265, AL520260, AL531902, AL533764, AL534019, AU123661, AL538449, BF725283, BE271314, BE744146, BE314972, BE514630, AU124220, BF980436, AW239518, BE745207, BE909798, BE266432, BE313375, BF984861, AW162833, AW629964, AW239222, BE019917, AI144171, BF515784, BF128026, AW239501, BE745633, AL531408, BF528125, BF984074, BF983109, AW238810, AW675333, BE887799, BG165843, AW239055, BF036003, BF688322, BF036176, BF314875, AA243255, AW068310, BG253491, AI750829, BG120518, AA114212, AA227340, AL528807, AA488270, BF036567, D83174, AB044778, AB044779, AB010273, X61598, M69246, X60676, J05609, AF100413, D12905, AB044780, AB044781, AF202899, AF178675, and D12906.
HOPKO74	442	101160 8	1 - 2246	15 - 2260	AL515550, AL520259, AL523164, AL525036, AL534019, AL537265, AL538449, AL533764, AL520260, AL531902, AL515551, AL523165, AL525035, BE379543, AU123661, BE741174, BE742224, BE741994, BE741741, BE742340, BF725283, BE740889, AI635814, AU124220, BE744987, BE744146, BE747153, BE744655, BG253433, BE745129, BF343576, BF033082, BF980436, BE877236, BF038485, BF338799, BE906099, AW151151, BF037069, BE272242, AI336307, BE898327, BE378159, BG116704, BE514864, BE314972, BG120943, AW239501, BE304338, BE514630, BE909798, BE271314, BE742968, AW162833, BF984861, AL038803, AI754209, BG028129, BE272350, AW239518, AA114175, AL038804, BF128026, BE868537, AI752340, AW239222, BE266432, AA641717, AA205447, BE620098, BE745207, BE313375, AW629964, AA176157, AA191544, W68054, AW629878, BE207655, AA454490, BE067208, BE221309, AA315647, AW364803, BE910175, BE910339, AA101234, AA565572, BF684840, AI049605, W92720, AI146365, BE019917, AA305265, AI863019, AA293056, W58348, AA565247, AW162724, AW338826, AI141482, AA987259, AW087936, AI954500, BF688322, AW517393, AL531408, AI755228, AA723072, AW069806, AI336074, BF528125, AI268308, BF984074, AI366790, AI144171, AI811037, AW150385, AI922017, AI191471, AA514403, AA733081, AA565401, AA873716, BF983109, R71440, AI753928, AI927706, AI131532, BF036219, BF695480, AA678650, AW368086, T57921, AI753517, AW238810, AA565403, AI332734, AW339060, AI884409, BF515784, AW950609, AI204058, AW955479, AA651706, AI291428, AI204251, AI479680, AI825961, AI829909, AW192557, AW087929, AA010142, BF983082, AI361591, AA025341, AA070470, AI635486, AI146535, AI355374, AI752341, AI190787, AW674813, AW675333, AI185961, BF314875, AA130318, T55713, BE745633, AA995846, W58473, AI890829, BF739075, AI690876, AA507465, AW304986, BG253491, AI827289, AA315478, AA889243, AI097500, AA564102, AI249028, BE887799, AW029503, AI401571, AA029192, AA293371, AI499166, AW614931, AA010141, AI589642, BE328767, AW005099, AA719959, AL531407, AA206070, AA971287, AW274613, BE206417, AA457512, AA219278, AA679718, AA777200, AI144387, AA613547, AI313366, AI874203, AV722770, AW176048, BF308081, W96392, W70032, AA974224, AI829452, AW239055,

					AA114212, AA113086, AA719888, AI261819, AI186833, AI204697, W90053, AI073350, AA741410, AW069208, R53590, F29705, BF034093, AF114026, AA593371, AI752119, AA617759, W69896, W92677, AW069619, BF036003, BE545929, AI022263, AI184313, H48922, AI423241, AA769870, AI086549, AA599379, AA488270, AA083759, AW069662, AI917564, AA062635, AA680026, D83174, X61598, AB044778, AB044779, X60676, M69246, AF100413, J05609, AB010273, AB044780, AB044781, D12905, D12907, AF202899, D12906, AF178675, M93337, D12903, T55755, T58004, T58019, T77958, R02515, R06762, R23652, R26567, R34381, R34501, R39573, R39641, R51920, R62765, R66785, R67411, R67890, R70145, H25787, H27187, H27188, H30088, H42143, H48923, H50600, H79971, H79972, N35242, N66740, W02767, W17395, W19787, W24796, W57709, W57785, W58567, W58568, W63560, W68088, W72289, W76315, W79310, W79391, W90013, W96391, AA022927, AA022957, AA027272, AA027357, AA029191, AA029601, AA035705, AA035797, AA037451, AA053811, AA062752, AA062792, AA062806, AA063575, AA070547, AA070767, AA070768, AA074337, AA074424, AA076389, AA076541, AA082409, AA083758, AA085755, AA102504, AA112210, AA112542, AA130317, AA224586, AA227340, AA232233, AA243255, AA506361, AA513020, AA531171, AA563809, AA565445, AA565614, AA581671, AA603816, AA630885, AA935685, AA973585, AA995414, N63234, N79967, C00802, N83160, AA063308, AA089640, AA075295, AA102503, AA205423, AA219380, C75440, C75440, C75483, C75573, C75616, AA599543, AA599869, AA665895, AA457607, AA732961, AA777000, AA853384, AA853385, AA853474, AA853475, AA852653, AI002951, AI074211, T11182, F02939, F04875, AI289442, AI301519, AI302427, AI335287, AI339391, AI352578, AI361278, AI445549, AI564203, AI584040, AI127582, AI139519, AI143218, AI148369, AI184043, AI184415, AI199970, AI279690, AI312559, AI342450, AI687404, AI811186, AI9222718, AI926019, AI950526, AI983469, AI984195, AW080576, AW081570, AW084337, AW102837, AW103222, AW058280, AW073143, AW074693, AW166777, AW275209, AW275233, AW188726, AW193611, AW194171, AW078796, AW338150, and AW439469.
HCBBA51	443	101175 5	1 - 461	15 - 475	BF314829, AV712857, AW135421, AV756013, AV711642, AV706459, BE389248, AV762758, BE298463, AW873404, AV761365, BF974361, AV694674, BE385529, AV712150, AA035773, BE896094, BG028321, AA056334, AV712521, AA229819, AA314724, BF184153, BF244433, C14341, W68503, AA401339, BE378847, BF314729, AV751410, AV761330, BE378783, C14299, AV713770, BG059393, C14483, C14221, AV717163, AA308273, C14336, C14385, BE019161, AV709556, AV693316, AV764302, F21255, C13986, AV712395, BF696046, F24961, AA328328, BG230851, AW440694, AA135681, BE395394, W68387, BE730209, AA228680, AW009033, AA747774, C14434, BF941581, AI223384, AA622053, BF244539, AA010723, AI202387, AI073496, W07371, AI208241, AA533423, BE787471, AI223417, AV726474, AV728017, AV728046, F24716, AV726003, AW960673, AA853968,

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HDHFB13	444	101177 3	1 - 1157	15 - 1171	<p>AI916779, AW304481, AA732948, AI288625, AW965223, AA443244, AA194106, W79527, BF511014, AI038644, AA443206, W93527, AA346195, W79559, BE296248, BE269743, AX039965, and AX039975.</p>
HDTMG36	445	101182 1	1 - 453	15 - 467	<p>BF972066, BF245607, AV703472, AV682014, AL038000, AV721711, AV728175, BF219386, AI133475, BF594923, BE837022, F22763, BF370629, BE830051, BF679794, BF693415, BE829971, AA528724, BE830055, AI479313, BE830057, F28205, BE717593, BE830025, BE836965, AA101196, BF973420, BE830061, BE830020, BE830059, BE818317, AA639940, AV734206, BE829966, AA501447, BE829985, BE830033, BE674258, AW772601, AA558672, BE837016, BE829982, BE830028, BE829988, AA082523, F36038, BE818328, BE836968, BE717560, AA603906, BE717609, F25953, BF975287, BE830032, AA886834, BE795191, F20554, BE830031, AI459928, AA747245, AA722455, AI417855, AA888508, BF837014, AI126653, AW102672, AI150214, AI479343, AW510846, BF109983, AA248555, AA559212,</p>

					<p>AI809245, AA861130, BE829949, AI150004, BE829975, AI207976, F27565, BF681536, W84725, BF370619, AA862808, BF032041, BE315336, AA513949, BE830018, BE717580, AI879934, AA548446, AW025105, AI734829, AV711872, BF837012, BE889962, AW358546, BF351489, AA928636, BF055820, BE830022, AA313635, BE717590, BE717606, AA526344, AW516646, AA522485, BE829984, BE830060, BF676487, BF677204, BE829977, BE829972, AW516646, AA522485, BE829984, BE830060, BF676487, BF677204, BE829977, BE829972, BF678831, H87273, AA749507, AI581538, BE717230, BG253855, BE818309, AA383342, BE004358, AI719475, BF354757, BE833655, N91718, BF829164, BF348938, BF699876, BE837027, BF914006, BE765905, T24667, F28659, BE174387, AA639928, AA664863, BF031412, BE717558, W78880, F37904, F29279, AA862663, BE311612, N83913, BE836986, AV702430, AI525669, AL110185, Z83843, AJ290947, AJ271158, and AF171666.</p>
HVVCJ38	446	101183 0	1 - 2523	15 - 2537	<p>BE410209, BE409948, BG115320, BE727135, BE275865, BE544451, BE247077, BF979132, BE276854, AI761191, AW190208, BF842485, BE552236, BE407430, AI401546, BF207408, BE910432, AW612622, BG009629, AW959204, AL135649, AI948809, AI209141, BE044454, BF768377, AI089727, AW589835, AA741117, AW054865, BE243221, BE512837, AW007188, AW024964, AW197517, AW192474, AI371883, AW732035, AI346775, BE273254, AI076529, AI086805, AI394074, BG113199, AI380843, AI613247, AI222796, BF112100, BF917505, BF842478, AW297124, AI523975, BE673122, BE502167, AW014930, AI655264, AA724818, BE243746, AI597975, AW470765, AI026618, BF923223, AA431124, AI684019, AI989704, AI862536, R51174, AA452620, AI285301, AI380975, AI380856, AI984759, AW295359, R3336, BE349571, R60756, BE503804, AW292516, BE247138, AI682541, BF923222, BG008918, N35451, AI302839, AA917488, W25150, H99364, AI972215, AI424358, BE243306, BE244991, AA937518, R48089, BE243647, R12836, AI262500, AI223148, BE242440, AW073337, R48082, BF815490, AW080459, AA576239, N35546, BE246634, AI954045, BE221690, AI809326, R46107, AW449766, AI954417, AW516184, BE247092, AA889557, AI799922, AI828634, BE242990, AW243116, AU127369, AI537699, AI867400, BF594684, AA514442, BE242999, AI553721, R60757, AI763211, AA432140, AI761010, BF510682, AW263306, AI763100, AW451349, R51058, AA470619, N24660, AI589437, BF315855, BE243714, AW000862, BF316405, AW960495, BF311549, BF347151, BE261173, BE672153, AA316825, R46448, R20746, BE260700, AA359340, AA995140, BE382562, BE707810, AI695433, BF983844, AI638588, BF304367, R47977, AW102776, BE246720, BE260234, AI934023, BE262038, BF838098, H41023, AW103559, AA354191, N93298, BE387142, BF206973, BF313395, R48998, BE241996, BF981535, BE241927, AW244155, BF984035, BF314395, BF973669, AA344952, BF761447, BF313034, BE261859, AA937240, Z40608, BE382532, AI031600, AF224741, U88844, Z67743, Z67744, and AF063100.</p>
HPAMY22	447	101184 0	1 - 518	15 - 532	<p>AW167128, BG230566, AW008822, AI521137, and S78079.</p>
HE9CP86	448	101184	1 - 924	15 - 938	<p>BE619589, BE778001, BG179191, AI990409, BE787128, AI056896, BF032589, BE210574,</p>



	7				BE779660, AI200949, BE619066, BF977514, AW953735, AI337884, BE778227, BE908473, BF978672, BF038980, BF692240, BF209481, AW104443, BF210193, AW055339, AV718164, BF791503, BF183862, AA911567, AA046828, AA932357, AI023297, BF034241, AV682017, AW512478, AI125234, AA904609, AW572795, AI733426, AW250547, AA910576, AI377004, BF688001, AA046871, AI090522, AI791736, BE565759, AI032574, BE963828, AI140513, AI355194, AI146665, AA972188, AA985450, AA643701, N27384, N30911, AA938964, AV695444, N58077, BF103965, BF690859, AA005074, H59617, AA505790, N57685, AI807795, N55023, AV740591, N41842, AI078181, H59658, AI079135, AI672631, H13146, H90608, H75736, AI808881, H58325, H67713, AA807988, N32135, AA004517, N77541, AA705231, H13147, H83720, N64292, BE708941, AW249886, H75871, AA460432, N56775, N30598, N77212, H58714, BE777991, BE928234, AW376655, AA368114, AA379597, H64100, AW376078, T96922, D60596, AA622435, H90512, T97029, BE075971, AA263084, AW067367, AA864550, N56803, BF089228, AV727151, BF089219, AA993476, AA922842, AA004600, D19848, AW795927, AW843401, AA968872, AW582860, AV708762, AA285312, U74656, AF161499, AK000504, AF160215, AR080258, and AB032931.
HPDOU46	449	101188	1 - 933	15 - 947	AA885514, AW571544, AI925136, AV751974, AA934359, AI336032, AI818811, AW292295, N95268, W25222, AR038157, AC008860, and AC016612.
HFCDW73	450	101190	1 - 703	15 - 717	BE612411, BF306028, BE295311, BF309599, BG114475, AW410748, BG178760, BF339804, AW839643, W01259, BE018592, and AK000376.
HOVEB13	451	101191	1 - 1361	15 - 1375	BG031307, AW957996, BE299537, AA928779, AI685200, AA576884, AW514270, AI218215, AI809292, AI355487, AW082223, AW263592, AW152614, AA424504, AI265774, BG236438, AW070728, BE789393, AA933972, BG058626, AA927905, BE788048, AA707564, AI921682, AI431416, N30148, AA132983, AI085684, AI225124, W40249, AI630792, W60086, AA563939, BE326510, H68849, AA127446, AA135149, AA127445, W53030, AW058274, H80062, AA302211, AI240522, BF515623, H69149, AA247723, AA897766, AI589066, AA595935, BE734169, AA609608, AW606716, AA973544, BG170959, BE644966, AA576883, BE349394, AW665349, AA969337, AA969535, AI694323, R10513, AL045971, AW993256, AI860774, BG027280, BF904265, BE910373, AW148363, BG029667, AI633125, AL120853, AI433157, AI702073, AV762488, BF970768, BF338002, AI284509, BE785868, AV757012, AL514721, BG113299, AI866127, AL514731, BF814420, BF812961, AI801325, AI434256, AW827276, BF038131, AI500662, AI318569, BG166654, AI269862, BF795712, BG257535, BE963035, BF527014, BG110517, AL513807, AW772536, BG029829, BG249582, BG252929, AW169653, BF970449, AI539771, BE047852, BF338723, BE876033, BE885490, AL036780, AI364788, AI537677, AI521560, AI500659, AI274759, BE880182, BF812960, AW827289, BF032768, AI500523, BF812438, BF812938, BF339322, BE874133, BF970652, AI284517, AI500706, BF816042, BE047952, AI445237, AI491776, AW151138, AI633493, AI284513, BE909101, AL513687, AI921248, AI677796, AL110306, BG031815, AI929108,

<p>             AI620284, BF814450, BF970171, BG032208, AV743631, BF038469, BE887488, AL042377, BE904178, AL513913, BF856052, BGI64575, AI53885, AI866573, AW026882, AI433976, BF885000, AI888118, AL513597, BE965621, BF982059, AW827206, AL514579, BE968711, BF971016, BG108288, AL513991, BG251840, AW082113, AI872423, AL045500, BE047737, BG179993, BG026428, BE886728, BG036846, BF814447, BF924869, BE895585, AI859991, AW162194, BE875407, AL117452, AK024798, AL133260, AL049694, AP000080, AL136317, AL137070, AL162083, AK024538, AF090903, AL137459, I48978, AK026528, AL117585, AR011880, I89947, A08916, AK025391, AK026542, AL122118, AF130075, AL389982, AF130099, AF314091, AL117460, AF130059, AL359601, A08913, AF114170, AF078844, AL050149, AK026762, AL442082, AF116691, AK027204, AF017152, AK000618, I89931, AF132205, AL133081, AR079032, Z82022, A08910, AX026824, AX026823, A58524, A58523, AR087170, AK026583, AL133560, AF113689, A08909, X70685, AL050138, AL050393, AF116631, A03736, AJ006417, AL122110, AF113019, AF119899, AK025084, AK026784, AL133557, AL162062, I48979, AL050108, AL117394, AF116682, AF116639, AF118094, AB052191, AL133080, AK026959, AF119909, AF242189, AF138861, AL359941, AF113677, AB048953, AX005848, AX005804, AL117457, I66342, A12297, S61953, AX040958, AL122049, Y16645, AF177336, AX040974, AK025092, AK025573, AL110221, AL050116, AK026927, AF177401, AF130110, AK024524, AL049452, AL049382, AK025435, AF113013, AF090901, AK026855, AF113690, AK027113, AL162008, A65341, AL110196, AK026353, AL122050, AK026947, AF183393, AL359618, AK025772, AL389939, AF146568, U42766, AF079765, AX019230, AF218031, Y11587, AL137478, AK025339, AL353957, AF111851, AK000083, AK026592, AX006092, E07361, AF090934, AF017437, AF118070, U67958, AL049314, Z72491, AF111847, AL157431, AL353940, S68736, AL050277, AF091084, AF090943, AL137557, AK000445, AF087943, AF119865, AL133640, AB048954, AK025491, AF090900, AF116649, AF125948, AF158248, AL110225, AL353956, AB051158, AL137294, AL133565, AX019229, AK026532, X82434, AK027096, AB041801, AF130077, AL137523, AL359596, AL117583, AK026741, AF130092, X84990, AL117649, AF116602, AB052200, I09499, AK000391, AL133072, AF081195, AL080124, AF111112, A93016, AK000652, AF119875, AK025967, AK000137, AF210052, AR059958, AJ238278, AF130087, E07108, A08912, X63574, AK026534, AK026865, AL080060, AK026647, AF116688, Y11254, AK026045, AK026744, AF079763, AF130105, AK027164, AL133075, AL050146, AL133113, AL122123, AB034701, AR038854, AB019565, AL137480, AL162002, AF113694, AF097996, AB048964, AK026480, AJ000937, AK000432, I33392, AF119871, AF225424, AL162006, AK027213, AB047904, AK026630, AX020124, AL096744, AL137533, AF116644, AF321617, AL117435, AL122121, U72620, X81464, E03348, AL133093, AJ242859, AL137550, AL122098, S78214, AF113691, AK027116, AL390167, AF130104, AK026504, and AF106862.           </p>					
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HPAMS93	452	101194 8	1 - 4502	15 - 4516	<p>BG026454, AU136698, AA776842, AV707577, AV705003, AV706119, AV704393, BG112983, BF791105, BE501811, AI743650, AI671708, AI816789, AA723646, BE885350, AI636006, AW021004, AV726053, BF671148, W63546, BG249128, AW168299, AW665425, BF240936, BF692672, AA928542, AW950765, BE881258, AA846553, AI979064, AA742232, AW439829, AA449108, AA437197, BF695261, BE858197, AW134486, AA902878, BE546728, BF574789, AU152945, AI381912, AI684433, BF056144, AI139359, AI554413, BF381601, AI150427, AU157987, AW969822, AI424982, AW995211, BF351582, AA506295, BF209677, BE565044, AI088749, AI310443, AW512634, AA970921, AI359188, AA764772, AA827252, AA058552, AI362408, AW072743, AA766122, AI695798, AU157615, AW262974, BE835401, AA742318, AI623928, AA766577, AA513825, BF570645, AI394370, N51644, AI707846, AV721192, AI168421, AI348599, AA426385, AU155502, R78671, N59337, AU138435, R76132, AI433201, AA633541, T28713, AW103272, BE501987, R71309, AU131133, BF988802, N77145, R38553, AA084680, AW292597, R71256, AA053304, BE892939, AI474643, AV707777, AA346362, Z19210, BF800195, BE933905, AA970905, BE221948, H11501, AL121134, AA541406, AA373725, AV725851, AA348237, BF094439, R78631, AU139383, AA356852, R49221, BF086129, BE241955, D54215, AV721047, R42939, BE173266, AA348236, BE708094, BG109183, C00707, AA081650, F00029, AI699168, R25602, AI352064, R76083, BE835431, AU122860, F10470, BE501204, BE241571, R26998, AU134565, BE893499, BE244866, BF914011, AW237144, AI817847, AI968300, BE813282, BE878743, BF852756, BE241491, BF699184, BE708399, BE172638, AA879066, and M74089.</p>
HCRBN71	453	101196 6	1 - 681	15 - 695	<p>AA195119, AA195013, BF680123, BE219252, AA738440, BE540300, AI703457, AI183309, AA243291, AA243401, AI191561, AI292346, AI306531, AI817119, AI038422, BF211661, AI091896, AW051480, AA976687, AA243441, AI348605, AW015242, AI246250, AA989100, BF058616, AA831493, AA252613, AA459659, AA459782, BF570879, AI076966, AI784681, AA953732, AA931640, and AI383295.</p>
HCRNC60	454	101200 5	1 - 2294	15 - 2308	<p>AL527016, AL521200, AL524479, AL527060, BE734447, BG253129, AL521201, BF689091, BF965518, BF688892, BG166242, BG120159, AW007680, BG252573, BG027017, AI027899, BG250439, BG034762, BG028233, AL046964, BF688663, AA573191, BG250944, BE536191, BG250019, AL048451, AI983368, AI609925, AI391636, AW130457, BE018872, BG036095, AI925662, BG122085, AL524480, BG170360, BG121606, AI445752, BG121507, AA577112, AW513478, BF930780, BG034823, BE302383, AI814775, BE537945, AW874680, BG109535, AI655191, BE378060, AW769155, AI620523, AW950570, BF037587, AI690135, BF476375, BE273976, AW016285, BE273565, AA613365, AI516994, BG117073, AI624237, AI818796, BG251134, BF034144, AI697379, BE539030, AA506219, BE206559, AL516993, AU148176, AI748875, BE835356, AW190411, AA599544, BF921054, AU150378, AI436129, AA599412, BG118864, AA863094, AI687746, AI088772, AI075672, AI149159, AI766187, AA976487,</p>

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HSPSI24	455	101206 4	1 - 1316	15 - 1330	AI026930, AI378815, AI922741, BF525953, AA837561, AI813985, AW575286, AW238276, AI568176, AV704102, AA833826, AW966027, AI610329, BF957805, AU155099, AI445584,

	456	101207 6	1 - 540	15 - 554	AW961244, AI334017, AI079505, AW864116, AV704875, AA404652, AI286039, BF530066, AI242489, AW864106, AA291389, AI870616, AV652034, N89796, AA902569, AI919269, AA291577, AI431315, AA668836, AA872786, AI831565, AW864170, AW794584, AW864163, BF340236, T28155, AI742033, BF857432, AW864152, AA631865, AA291290, R53870, AI126682, R34002, AI333467, AA364732, AI869894, AW088986, AW374849, H55942, AA878934, AA588087, BF953364, R53821, BF360435, BF848998, BE887127, AW751621, M87503, AL136295, U51992, and U92994.
HPCPB22					BG167998, BE081198, AC005250, and AC006477.
HOVDZ22	457	101213 6	1 - 1190	15 - 1204	BE871201, AL079363, AI859755, AI151160, N47360, AI683204, AI827375, BE886069, AW369494, AA864845, BE770755, N56977, AA915977, AW627718, AW968202, BG252747, AA460264, AI359195, W22324, BE829260, AI082298, H37982, BG236816, AA620458, BG055923, H38203, AA91749, BF237665, BE770756, AA468461, BE704354, AI247941, AW470558, BE207909, BE829323, AI362578, BE833033, AA921753, AI867497, AI744126, AI783585, AA668493, AW451685, AL039988, BE165016, AA836177, BE693573, BF339879, AW270250, AI824219, AI216264, AI185891, AA505063, AA481160, AI123571, AI420255, AA463829, AI473334, AI554888, AA594994, AI202395, AI623088, AA505761, AI971348, AI263358, AI384099, AA234726, BF196906, AI417107, AI160515, AI004300, AA350704, T61636, BF094163, BE398137, BE267717, BE269084, BE267516, BE398095, BE397950, BE705905, Z99396, AW976502, AL119324, BF868687, AW861944, BF868697, AW804686, AW861954, AW969885, AW604723, BE695785, AW392670, AW976982, AW973209, BF868684, AW972292, AW973213, AW979194, BE705903, AW372827, AW858526, BE705906, AL119457, AW858525, AW577135, AW975002, AW975965, AW384394, AW861889, AW858455, AW970942, AW973219, AW970889, AW974823, AW363220, AW972377, AL119497, AW975952, AW972823, AW979127, AW972845, AW971403, AW974801, AL119319, AW975876, AW975966, AW969673, AL119443, AW971968, AW973252, AL119483, AW877209, BE705904, AW976511, AW975154, AW604726, AW976023, AW969791, AL119363, U46350, AW979212, AW975037, AL119335, AL119496, BG059382, AL042614, U46341, AW979204, BG153750, AW973270, AL119484, AW970113, AL119391, AW970627, AW971387, AW972884, AW973189, AW973202, AW972695, AW973805, AW973770, AW972719, AW976515, AW975976, AW979165, AW976510, AW969818, AW971954, AW972680, AW975975, AW969884, AW972943, AW969759, AW979083, BF592735, AW970587, AW973650, AW979175, AW975646, AW973986, AW979064, AW975938, AW975016, AW975019, AW975138, AW975968, AW970921, AW969766, AW979116, AW973185, AW972806, AW973987, AW975910, AW975943, AW972689, AW972706, AW973164, AW970097, AW973824, AW971964, BF588769, AW975904, AW974379, AW969752, AW975227, AW976037, AW973718, AW973967,

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HBZSK53	458	101224 0	1 - 812	15 - 826	BF311945, AA573955, BE272773, BE563532, AI205315, AW160842, BE902005, BE261848, AW951052, AI247509, AW160847, AW162381, BE260271, BE394195, AA158241, AA552227, AA682673, AW977784, AI445208, AW083990, BG167471, AI142942, AI139661, AA151647, BF055277, W51775, AA902783, W49523, AI831943, AA977542, AI344595, AI350350, AI439566, AI818831, AI261413, AI991292, AI266611, AW514380, AA306292, AI358932, AI718114, AA429579, AI232083, W80604, BE675912, AI718228, AI523860, AI143448, AA432139, AI090465, AA954640, AI085397, AA631070, BE538110, AI363402, AA733065, AA984904, AI660966, W48670, AI190092, BE676065, AA612812, AW104262, AA653079, AW261940, AI223979, AI523945, AW270000, AI750115, AA978047, AI300204, AA569148, AI129908, AA644008, AA715305, AI222391, AA032056, AI262474, AA766275, AI309951, AA917686, AI268587, AI363403, AI266575, AI084868, AI032228, BE785787, AA811091, AW663483, AA031920, AA918011, AA432330, AI351278, BE044385, AA876021, AI857658, AI673477, AA768844, AI160107, W49524, R67696, AW351509, AA748636, BF802108, AA832382, AA978061, AA805201, AA160838, BF663301, AA621587, AA627983, AA569031, AV706578, AI343867, AA938352, W51925, AA745920, AA886173, AA455371, AA456011, R66095, AA731749, AW905884, BF958963, W80603, AA641565, BF958968, R77511, AA806716, AI380276, AA811186, R77585, AI032240, AI380346, AI144561, BF001946, BF447194, AI696133, AA936222, AW381956, T28808, AW008792, AW292340, R24242, AW296152, AI867529, AI524303, AI659130, AI672577, BF800229, AA627736, AW169557, AA054546, W94819, AW368945, BF818801, AW368926, AI680585, AA636017, AA054605, AI686369, AA151728, BE163318, BF063215, AI738553, BE906185, AI219206, AA601515, AI202296, AA431125, AI972929, AA593134, AW374327, AA954620, BF800216, AA554557, AA639642, AI810889, AI340218, AA281762, AI379209, AI351301, AA594840, AI797854, W96037, AW451496, AW966330, AV742732, C14331, AV738340, AV741220, AV742735, AW975618, AV718681, C14429, AV724520, AV742048, BE744646, AV718489, AW973541, AW973445, AW177440, AI709272, AV699550, AW753053, AV744690, AV718692, AW964468, AV701004, AV701125, AV701166, AV701149, AV741191, AV699927, AW752082, AV741221, T03269, AV742001, D80164, AV720791, AW949654, AV738928, AV701154, AV720533, AW964766, C14389, AW966053, AW951169, D59467,

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HBCPH02	459	101245 3	1 - 1430	15 - 1444	

HCONM62	460	101245 4	1 - 1884	15 - 1898	<p>AI040791, R51239, AA358951, AW169508, AI825932, AA812492, AI499892, AA744552, AI830084, AI831431, AI620315, AI024424, BE168242, AW070377, AI586971, AA678774, AA856729, AK001193, AK023171, AL050092, AK022637, AB018272, and AL050376.</p> <p>W18182, AL525625, AL516217, AL525577, AL516292, AL529355, AL518107, AL516216, AU141983, AA909718, BF797162, BE622593, BF688983, BF311705, BG117288, BE383732, AI935289, AI080630, AU134220, AA837568, AI680478, BE877487, BE799345, BE893825, AI951804, BE744943, BE880709, BF309943, BG170968, AI991856, BG032671, BF204389, AI418328, AI357756, BE869355, BG167780, AW514721, BF980576, BE902483, BE792330, AW001239, BF975628, BF982977, BG032139, BF690594, BF525334, BF684388, BG118865, BG167158, BE251548, BG122927, BG171316, BG259291, AL525204, AW305084, AW192510, BE541096, BF663597, BF182932, BF206116, BG163234, BG025967, BG106864, AL515477, BF970914, AA993402, BE378346, BG261021, BE874229, BE384576, AI963784, AW993536, BE547496, AW246394, BG113859, BF688592, BE512789, AW189185, AW439691, BE812374, BF205676, AW951440, BF033109, AU151473, AW245456, BE265299, BE312336, BF316503, AU151697, AU150525, BE407306, BF692367, AI762490, AU134112, N25538, AU159393, BE304333, AW296048, AA424439, BE780223, BG056169, AA604819, AU159323, BG112191, BE407298, BE812344, AU151618, AW410780, AI336881, AW468675, BG033215, BF928628, AA522716, BF755505, BF811268, BE044067, AU159742, N54545, AI922523, AI682016, AW247794, BE300178, AL525203, AI365462, AU151606, AU153392, AI951424, AW263576, AA622398, BF806870, AI989357, AI627223, AI890790, AI187155, AI371729, AA043459, AI951372, AI041776, AI159756, BE384278, BE928952, BG112278, BF569675, AA133071, AA047459, BE734100, AU120641, AW589573, BF346402, AW083362, W24389, AW072651, N76248, AA774414, AA424342, BE301090, AI075428, AI696741, AI753295, AA838037, AA548619, AA133070, AA132794, AI587117, AW197123, AA779035, BE966986, BF806863, AA088170, BE207325, AV656844, N34135, AI393008, H73708, AI476534, AI445307, BE328267, W29082, AA569485, BG009549, AA017383, BE174588, AA827611, AW779490, AA574398, AI290657, AI969487, AI084138, BE782015, AA047393, BG111353, BE812190, BF998419, AW601144, AA371969, T67525, AW874236, AI569140, BG165953, AL046641, AA226982, AA838649, AA088627, BF081730, BF325572, BE260928, BF798486, BF570004, BG250197, AA093382, BE937964, H63015, AW591486, AI370258, BE003077, AI567154, BF307874, H54695, H74223, BE909384, BF998405, N24832, AW514463, AI370348, AI174567, AA043460, BF804424, R74044, BE937910, N31758, AA376329, BF763897, AW469866, AI832887, BF944382, BF798766, AW262260, F03125, BF813431, AI026987, Z39968, AA954888, AA210678, H62886, BF745359, T19942, BG013875, BG011181, BG011075, AW952004, U22055, AB021491, AC008039, AC018662, U83883, AC006529, AJ005814, Y14314, T69523, R00187, R00188, R49118, N24558, N67922, N93666, AA493178, AA531599, AA535083, AA535648, AA552531, AA633021, AA864940,</p>
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HOGU69	461	101245 9	1 - 1076	15 - 1090	AA908334, AA077821, AA077944, AA078391, AA078647, AA626147, AA653365, D19637, AI668896, AI691128, AI695498, AI783587, and AW085897. AI041834, AU131484, AI200980, AU131609, AI523472, BF035100, BG260988, BE906446, BF679739, BF312184, AA916757, BE786938, BE907375, BE882435, BG104553, AW003881, BE541116, BG251041, AA489052, BE042721, N25127, BF109620, AL119362, AA575865, AI814469, N23048, AI188945, AW194097, AA814140, AA991228, AI828232, AA044782, BE252873, AW193148, AI085157, BE147999, AI022397, AI189984, AA724929, AI351066, AI056076, AA938240, AA996103, BE018234, AA280782, AA488800, AI087074, AI199451, AI128165, AA262090, AU138117, AW591232, AI355359, AI356853, AA524527, AI360277, AA033520, AA280788, N20582, AA559009, AA676465, AI088598, AI311465, AI354780, W15254, AW946384, AI914929, AA508033, AW081777, W37433, H99944, AA034194, W39240, AI750152, AI040726, H99681, N28443, W37434, AA508041, BE010703, AI095133, AA508696, W38448, AI891015, H99648, N24439, N28712, AA969522, AA508060, BF130256, AW886258, AW886126, BE833921, AI266525, AA935334, AW886221, N94573, AA446386, H95004, AA825415, AI149761, BE092707, N25807, AA229348, AA825216, N28974, AV708464, AA228658, AI358053, AI372872, H99558, AV709572, AA040692, AA878281, R20044, AA508042, AV713109, BE242250, AA040691, R53806, R14634, N57352, H95115, W30863, H99287, N79830, AA044805, AI040716, AW768986, AL036353, AA043927, AA351987, AL134252, AW998436, N27404, AA223132, N29420, AW029461, AI289949, AA423964, AA126593, N29428, BG170431, N57360, AI749508, AA033617, BF916002, AW798880, BE932959, AA127239, BE932960, AA423965, H23023, BE092701, AI686200, M74090, AR019525, M73547, AC008536, U28168, and D55682. BE738428, BE622930, BE388215, BE728140, BE273270, BE253146, AW975614, AI828072, BE622113, BE740360, BE256369, BE513955, AL049117, AW246698, AI937156, BF952983, AW025197, AI569648, AA777531, AI200937, AI373492, AW082024, BE266217, BE727220, AW615439, AI131087, AW294607, AI890725, AW026504, AI955337, AA291355, BG255058, AA604477, AA213760, BE396916, R43170, BE264280, BE266305, AW088137, AW130381, AW293476, AW024648, AA725718, AA243878, AW872893, AI079160, AA991781, AI024096, BE277815, BF762401, AA714463, W04697, BG164126, AA749289, BF312230, AW173655, BF311310, AW872898, R72214, BE275756, R72173, BG035135, T81447, AA287579, AA852947, AI420773, BE273124, AI918030, AI934666, BE313702, AA287580, BE207070, D31321, BF884206, R81123, AA707587, T81446, BE737821, AI187858, AA703769, AI918961, H39080, BF206747, BF725734, AA852946, AI003595, AW196317, BE260174, AA426248, AI380772, BE295171, BE264554, AW009932, AI014898, AI699193, AA403296, BF342292, BF725972, Z41538, AI686972, AI468396, BE270370, AW081691, BE263952, D31040, BF207215, BF972786, BE294861, BF089748, W31799, BE882427, BF310977, AA243886, AK025906, AK024609, AC002472, and AC007664.
HVVBD93	462	101246 9	1 - 1081	15 - 1095	

HCOMV86	463	101248 2	1 - 1807	15 - 1821	AA868382, AI207418, BG106534, BG176917, AW131668, BF663200, AA603100, BF663334, BF663905, BG107139, BF794643, BF974604, AW515958, BG024963, BG106095, BF976578, AW574923, AI889774, AW854143, AV705121, AI817360, BG176945, AV705966, AW170583, BF891177, W87428, AI572923, AA417879, AV703116, AI433246, AW474013, AI920980, BG105961, AW404796, AA866201, AA622265, AA708855, AW405212, AI433215, AA419168, AW576067, BF846835, AI865230, BG024329, AI250702, AV759623, AI335036, BF874093, AW337397, AA978343, AW946904, AI224372, AV715313, AW406262, AA633257, AI831123, AW405771, AV691913, AW339958, AA679851, AI719939, BF891202, AI025871, AA634860, AV716938, AV707481, AV657580, AV714394, AA482466, AW402670, AA938301, BF884309, AI193894, BG024343, AA887979, BF377745, AI633727, AI301482, AW518174, BF868985, AW406412, AA775022, BF868701, AV717599, AW402410, AW406310, AA878538, AW406867, AI573045, W87573, AI433194, AI905912, AI819482, BF891581, BF891575, BF891196, BF874104, BF891027, AI758717, AW406295, AW016654, BF963070, BF869315, AI709196, AV693491, AI887132, W37302, AW770000, AW629664, AV735238, AI344688, AW406388, AW574680, AW575158, BF874095, AV727005, AA131654, AW518347, AV713842, W01611, AA995292, AI250681, AW368560, AI306398, AW796429, AI214199, AW575231, AA954002, AI469330, AW007639, AA845737, AW403503, AI272852, AA405114, AA858023, AI523647, AA968577, AI078594, AA989677, AI864521, AW192127, AA862420, AI273233, BE041211, T89647, AV727711, W37301, AW192128, AA385676, BG232008, AW403818, AW403480, BG236461, BE246199, D57806, AI360538, R62321, BF343902, AA977287, AV763632, T65859, BE246261, BE155442, BF950596, BE696751, AW614870, AA367085, T63635, AW576013, AI500121, AW800018, BF353789, BF858183, BF891573, AA348102, BF890947, AV734144, H92391, AW404237, AI249268, BF330961, BE155481, AA165543, AI203724, AI816964, BG025857, AI627929, AI865046, BE041320, AA131588, AA360864, AI954329, BF891068, AI934580, AA159773, AW606233, H83811, AV689952, BF334881, BF896819, BE044123, AW969439, BG058567, BE155291, AA854297, BE696744, BG106291, AW406039, AI141141, BE696755, N70844, AW403090, W16836, BF378554, BE827807, T28717, BF891186, BE706608, AW959352, AI913770, AV654767, BF334885, AI340964, AA635838, BF360093, AA564957, AA746256, BF360078, AI865301, AA346471, AI803471, AA494554, AA652656, AA918569, AI468886, AW608229, N40858, AI149461, X00033, M34996, X00452, M26041, X00370, M20506, M33906, M29616, M17236, M29615, Z84490, Z84489, U92032, M11124, M20431, U77589, J00199, AF201297, AF201293, AF201294, AF201295, AF201296, S40624, M16995, L34082, L42625, L34086, L34083, L34084, L34085, M17237, L34352, U42407, L34088, L34089, M93433, D50045, M93431, L34087, AF037314, L34094, L34090, M29939, L33909, L34091, L34092, L34093, Y07820, M29938, Y07819, D50454, Y14022, M33305, K01923, K01922, X14879, M17846, M17847, M15557, K01926, AF027865, AF050157, D50046, AF012768,
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HCONJ23	464	101251 9	1 - 2066	15 - 2080	AL521287, AL521286, AU121333, BF034311, BG110423, BF982633, BG036657, BE889009, AV729379, BG168009, BG109870, BG258659, AI871993, AV658812, BF924696, BE789299, BE439392, AV705254, BE537571, BG250363, BF980701, BE785130, AV713479, BG259998, AI127415, AV714279, BF696027, BF577070, AI590917, BE882652, AW955631, AW855845, BF243381, AI435362, AU123306, AI984070, AW950649, AA767367, BF196954, AW949971, AA777629, AU152315, AW391781, AA779983, BE837794, BG032566, BE827757, AI354543, BE538840, BE717861, AI768125, BE717868, BF241607, AA426581, BE717859, AU153311, BE717848, BE827713, AU151880, BE827712, BF435369, BE717784, AL538303, AU146818, BE837746, BE827708, AW029240, AA670141, BF541036, BF197078, AA846794, AW338008, AI290479, BE717864, AI566144, BF241865, BE717766, AI697905, AI435413, AI275053, BF109919, BE837686, AA429080, BF343367, AI935821, BE830406, AA258548, AA992354, AW328118, AI538483, N23156, BE717719, AI32908, AW197265, BE302002, AU158434, BE540701, AA829064, AI435147, BE830389, AV656425, AI968065, BE717822, BE830411, AV687182, BE830409, N55086, AA476392, AI141833, AI937312, AI799494, AA448823, R93768, BE717823, C05021, AA448822, BE830419, BE830546, AI266320, BE717792, BE830393, BE717805, BE837744, BG261310, BE830457, BE538541, AA258602, BF815967, AI140691, BE830514, AA479965, W23180, AA625070, AW051979, AI188905, AW104834, BE538228, BE830551, AI022795, R41740, AI474203, AA233917, AW805520, AA478745, W90651, AI961454, BE717826, N67224, BE620125, BF204054, AW515522, AW385321, AA055196, AA938572, BF114988, BE717753, BE767225, BF447344, R98972, AI168789, AW168671, AI375094, AA344073, AW805519, AA992343, BE837650, HI2351, AW834700, BE830554, BE830539, BE830558, AA055286, AI810280, AI283725, H59983, T88778, BE830459, R98882, AA383987, AV760328, N34539, AI918061, AA328975, R48616, BE830479, BF939050, R17189, AA037794, BE830556, BE837724, BF939897, BG259278, R48722, BE830559, BF057817, AI674862, BE792039, N62785, AI864068, BE830468, AI468804, T35292, BE830439, W07252, AW192978, T97604, R27615, AA303044, AA344116, AI758453, N78823, AA298049, AI864841, AI968791, BE830403, AA234165, BE830530, AI630255, N77297, T97557, D12223, F00453, BE830454, R30849, N32736, AA812484,

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HVVR10	471	101261 8	1 - 2252	15 - 2266	<p>             AL521365, AL534986, AL521008, AL534987, AU124976, AL521159, AU125116, AL536239, AL521364, AL521160, BE273395, AU143143, BF984395, AU121881, AU143472, AU124409, BF974694, BE908198, BE794827, AU119610, BG116905, BG168288, BF972306, BG259845, BG031067, BE872969, BF967432, BE882029, BG250958, BF975499, AU137954, BE621284, BG024594, AL041284, AU120134, AW954857, BG116967, BE904930, BE876141, BE256789, AU139025, BF038339, BG030846, BF446656, BE898416, BF976624, AU128650, BF306610,           </p>

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HVV BK78	472	101264	1 - 630	15 - 644	<p>BE762446, BF964007, Z99396, BF868687, BE705905, AW861954, AW861944, BF868697, AW804686, AW372827, AW604723, AW392670, BF868684, BE695785, AW969818, AW858526, AW858525, AL119497, BE705903, BE705906, AW969714, AW577135, AW384394, AW861889, AW858455, AW877209, AW363220, AW969819, AL119319, AL119363, AW979212, AL119443, AW975037, AW973185, AL119496, BG059382, AW969885, AW979204, BG153750, AW604726, AW973270, AW970113, AW972884, AW973189, AW971387, AW973202, AW972695, AW973805, AW973770, AW973213, AW972719, AW976515, AW975976, AW979165, AW976510, AW971954, AW972680, AW975975, AW969884, AW973130, AW972943, AW969759, AW979083, BF592735, AW976982, AW970587, AW975876, AW973650, AW979175, AW973986, AW979064, AW975938, AW975016, AW975019, AW975138, AW975966, AW975968, AW970921, AW969766, AW979116, AW972806, AW973987, AW975910, AW975943, AW972689, AW972706, AW973164, AW970097, AW973824, AW971964, BF588769, AW975904, AW974379, AW969752, AW976037, AW973718, AW973967, AW975933, AW973734, AW979169, AW973207, AW979176, AW972882, AW973104, AW975028, AW969782, AW970868, AW972868, AW973985, AW973210, AW975648, AW971129, AW971403, AW973209, AW975971, AW969930, AW972864, AW973219, AW969658, AW972440,</p>

	473	101264 6	1 - 733	15 - 747	<p>AW979178, AW972883, AW979081, AW972933, AW973167, AW975162, AW979024, AW973193, AW972637, AW973750, AW971183, AW970110, AW972705, AW972827, AW973946, AW976012, AW979147, AW972823, AW970589, AW971259, AW971350, AW975261, AW971367, AW972685, AW972690, AW972817, AW979294, AW972371, AW975229, AW969740, AW970978, AW971968, AW972880, AW979085, AW979228, AW972699, AW979220, AW973190, AW974915, AW973088, AW975569, AW975173, AW975955, AW974107, AW971429, AW969861, AW979219, AL036418, AW972808, AW973728, AW979210, AW969839, AW972212, AW972866, AW972417, AW973271, AW974338, AW975018, AW975928, AW979201, AW972837, AW975964, AW975693, AW972816, AW979090, AW969753, AW973997, AW975106, AW975168, AW974089, AW975025, AW971415, AW972711, AW972889, AW973804, AW971414, AW971413, AW975031, AW975914, AW975922, AW972710, AW973740, AW975172, AW975387, AW969913, AW973200, AW975691, AW979078, AW968351, AW973961, AW975157, AW975174, AW969815, AW975022, AW975351, AW973829, AW975112, AW970860, AW972150, AW969719, AW973825, AW979084, AW971409, AW975986, AW971096, AW971732, X75756, AL135858, Z34524, A81671, AR060234, AJ279014, AR066494, AX046357, AR023813, AR064707, AR069079, AR054110, AJ251859, AX030435, and AB026436.</p>
HVV BK73	473	101264 6	1 - 733	15 - 747	<p>AU139028, AU136137, AU137891, AU135546, AU138700, AU137082, BF992828, T46923, AU136711, BF992829, BG002838, BF956994, BF997301, BF997306, BF803266, BF812082, BE929910, AA299528, H04349, AA367974, AA300047, BF086216, X78212, U11862, U11863, AC006343, M55602, and AF218035.</p>
HCOMW35	474	101265 2	1 - 1044	15 - 1058	<p>AI684897, AI200892, AI478735, BE561321, BF001430, BE269357, AW274694, AI798122, AI554564, AI554553, AI681112, AA576942, BF064055, BE559728, BF063173, BG057298, BE269083, AI281053, AA291322, AW661889, AI311456, BF514281, AI347538, AA291323, AA835642, AI417683, AW080290, AW015465, AW510740, AI620444, AI659037, AW977226, AA731234, AA642457, AA689434, AA731232, AI797545, AI425078, AA947102, AI280944, AA809333, AA732232, AA737649, BF055737, AL513907, AI637584, AL514919, AL515375, AI824557, AI284020, AL514627, AI701074, AI520785, AI362637, AL514357, AW198090, AI889376, AI433157, BE048071, AL513553, AI702068, AL514473, AL514691, BE018334, BF726504, AI274013, AV729336, AL514929, AW827289, AI801544, AL514063, BG180034, AL514205, AI564719, AI624279, AL513977, AL515019, AI567351, AI560099, BG249582, AI475817, AI539687, AL047763, BF726868, AL515191, AI590227, AW243820, BF793324, AI569583, AI702406, BE047737, BG112718, AL040243, AI702073, AL513781, AI538716, AL513693, BF727092, AW262565, AL514025, BF726322, AW663332, BF726451, AL514085, AI925156, BG164371, AI610402, AW169671, AL515413, BE904178, AL045266, AI608936, AL513999, AL513779, AL045500, AI567993, AL513597, AW303152, AW827276, BG120816,</p>

BF726001, AW150578, AI269862, AL049085, BE894455, AI537677, AL514793, AV735353, BE895585, AL514047, AI571861, BE962903, BF812960, AI554484, AL514251, AL119748, BF726234, AI499463, AI828568, AI873644, AW087445, BE048013, BG036846, AL514155, AI540832, BF970449, AL514983, BF812933, AI275175, BF341801, BF795712, BG257535, AI568855, BF032768, BE047852, BF338723, BE876033, BF054877, AI433976, BG252929, AI491852, AI539771, AL514325, BE874133, AI445237, AI554427, AI500659, AI572676, AI500523, AW071349, AL513643, BE047738, AW168795, AL513985, AI500706, AL513631, AI491776, AI591316, AW162071, BG179993, AI476046, AI273048, AV757279, AI254731, BG031815, AI868831, BF038131, AI802542, BG180046, BE048179, BE963035, AI815232, AI039783, AI620284, AI468872, BF726297, AI499263, AI583065, BE047859, BE048319, AI648663, AI648509, BF792469, AL135661, AI857296, AW148363, AI567940, AW168384, BG058398, AI697321, AL079977, BF727212, BF968205, BF812438, AI439745, BE047952, AL513713, AI862144, BG178911, AW088793, AL043326, BF970768, AI866608, AW151138, AL513687, AW274192, BF527014, AL038605, BG032208, AW084786, AI863014, AL513871, AL045903, BG111590, BG110259, AV755484, BE887488, BE886728, BG110517, BG251264, BG168185, AI349004, AV682264, BF037097, AI627360, AI249257, BF868489, AI636445, BE877769, AW268220, AR028455, U49730, X89986, U34584, AL022237, AF174421, AF174424, AF174423, AF090900, AF116644, I89947, AF111847, AF130104, AL162083, AF119899, X84990, AF174422, I48979, AF111851, AL110221, AL122050, AF116646, AF017152, AF119909, A08916, AL389982, AL080124, AL359601, AL050116, AF314091, AB049758, I89931, AF130082, AL050277, U42766, AL137283, AF113677, AL133093, AK026592, AL389978, AF113691, I48978, AK000652, AF113019, AX046603, AL133080, A08913, S68736, AL050138, AL137557, AX019230, AK025084, AB019565, AF113676, AK026533, AL359618, AF219137, AL050149, AL442082, AF113689, AF090943, AK025092, AF130075, AL133606, E07361, A65341, AB041801, AK026744, AK025958, AK026927, AL080060, AL353940, AK026045, AX019229, AF116639, E03348, AL117457, AJ242859, AL390167, AR059958, AK025772, AX006092, AF158248, AL080137, AF119875, AF078844, AF090896, AL137527, AF118064, AB048964, Y11587, AF118070, AF218014, AF207829, AL133640, AL137459, AL133557, AL133075, AL157431, AL122093, AL122123, AF113013, E02349, AF116649, AK026865, AL050146, AL110225, X63574, AL122121, AK027113, AF116688, AK027096, AF119878, AF116631, AK000618, AK026532, AF090903, AL133016, AL050393, AF130059, AL162006, AL117460, AF125949, AK000083, AL359941, AF106862, A93016, S78214, AL110196, AK000445, AL049314, AL359596, AF130092, AF116602, AL117394, AL133565, AB048953, AK026583, AB047615, AK026855, AF113699, AK000137, AR079032, L31396, AF146568, AF116691, L31397, AK026452, Y16645, AK000212, U91329, X82434, AF090934, AR087170, AK025491, AL049452, AF113694, AF113690, AF104032, AK026504, AL442072, AF091084, AL137550, AF017437, Y11254, AB048954, AK026542,				
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HVVBJ28	475	101265 4	1 - 1936	15 - 1950	<p>AL528408, AL522973, AL529995, AL530141, AL526233, BE275004, AL529395, BF343867, BG256905, BE872845, AL526193, AL529394, BE868712, BE883888, BE273090, BE383725, AA399958, BE388651, BE391299, BE895693, AW967063, AA165444, AW009236, BE395414, AA017606, H29686, AA683274, A1751272, BE544783, BE671807, AA165445, AI823998, A1659213, AW270895, AW302260, A1937006, AW470682, BE968707, AV755754, AA317291, AI337198, T63207, AA393623, AW805340, A1751271, BF889263, AA401400, AW805193, A1075114, AA088644, AW002097, T62957, AA317025, AA017493, A1627659, AA400608, AW073145, AA019385, BF941438, AW271790, AA700742, AA789211, AA088225, H29600, A1760822, BE183202, AA019384, BF590759, A1284395, A1865624, D59319, BF593686, AA401401, C20664, AA677572, A1767804, AF026851, AF151033, and AB019410.</p>
HVVBR45	476	101265 7	1 - 3619	15 - 3633	<p>AU120634, AL528938, BG116777, BE744455, BG024541, BG105634, BF526006, BE548428, BF340790, BE297483, BF795604, BG250467, AW950002, AU124855, BG177719, BG035815, AU128003, AI908284, BE382499, AA129775, BG254170, A1279893, BE747515, A1827715, AA527855, AI885559, BG027992, A1991310, BF527629, AI885197, N25675, BE222933, AU129326, W58477, AI890549, BE968759, BF983508, BE788617, A1040322, BF737414, H93013, BF344426, BE897190, AW007050, A1924625, N25714, A1446043, AW118763, AA493370, BF057508, AW873581, AI860982, AL526630, BE046501, A1912360, AW516934, AU151479, BF762977, W73794, AA496467, BE907961, A1814467, AA142925, AW362918, AL157574, AA856581, AA948060, AA043690, A1872192, A1147489, N34061, AA878451, AA844016, W58403, A1860592, AA232217, AW086196, W75973, A1268108, A1141580, W73743, A1207799, W69080, A1366057, AW080053, AA028882, BE786506, A1366035, AA854738, AA564463, A1131222, AW303984, BF737413, A1033389, AA143148, A1761635, BE173656, A1280409, BF852593, AA780584, A1890510, AA977605, AA879112, A1609052, AA936565, A1274918, W23983, BF874699, AA693455, AA135704, AA845282, A1679279, W69683, AA701883, AA580563, BF796519, W00612, BF738570, A1148025, N24101,</p>



					BE046321, N99149, AA580573, AA878028, H97934, AI452716, AI276001, AI205249, BE157034, W69684, AA022747, AA776239, AI287246, N67835, AI590054, AI679854, AA661643, AI223090, AI299890, W93344, AI291455, BE070639, BF896491, W03439, H23472, N34102, F32204, BF351400, BF746828, D80794, AI362892, AW275202, F25019, AI204333, AI497686, C15433, AW592427, AA932700, N35240, AA996007, AA559112, T27788, AI094480, AA779435, AA907028, AA133271, AA826832, BF738197, F36641, AW900131, R54825, N63301, AA633217, AI222483, BF350803, H45067, AI283952, BG236818, AI278712, AW024424, AW798169, BG002205, BF923062, AA553597, R18390, AA906360, N99667, H82501, AI858927, N79418, AA894729, F27506, AI242087, W69223, AI018372, AW085841, R13418, AA643206, AA862549, BF058451, AI202000, AL134101, BF922672, T82273, AA913756, BF813659, H25666, F35305, AA574193, W70269, AA903752, AW805143, AI361227, AI370634, AW948399, H23471, R93905, AA970941, R93906, H86862, N31396, AI369579, N62519, AA496576, BF840471, W93434, AA907282, AA909669, AA910415, AA339459, AI954360, T90644, AA954277, R78965, N44906, AA028995, T52086, H26208, AA994564, AA724033, F08094, AA243121, BG236879, F23417, H23913, AA883882, W56126, F27293, AA043691, AI184060, L24123, X77366, U08853, AC004477, X84060, X78709, AF071084, AF015881, AC007544, AJ388511, AC007066, AR060234, AX030435, AI251859, AX046357, AB026436, AR066494, AR054110, A81671, AJ279014, AR069079, T46910, T83171, R40928, R42453, R47982, R48096, R42453, R40928, R78872, H08465, H25888, H26252, H28402, H45036, R83239, H50537, N43914, N46644, N68284, N71718, N80980, AA069216, AA135642, F15526, AA635678, AA738001, AA933382, AA983720, F18745, F21048, AA644425, AA679964, AA678962, AA868384, AA884580, AI042609, Z24959, Z28666, D31210, F04334, AI269630, AI394485, AI242127, AI204905, AI208049, AI678318, AI817463, AI862984, and AW275226.
HVVAF41	477	101266 5	1 - 1389	15 - 1403	BE748731, BE748763, BE748704, BE748542, BE738542, BE379806, BG248894, BG254845, BF793482, BE739520, BG024667, BE546206, AV764107, AV710004, BG165568, BG106140, AV653833, BE880236, BE748668, BG032118, BG119765, AL036245, BF676015, BE778251, AV710461, AW955246, BF672659, AV757407, AL036186, BE881539, BF672708, BG030502, BF699618, BF672658, BF211316, BF669231, BF666671, BG166568, AV658796, BF212420, BE748247, BG169620, BF212264, BE884781, BF667759, BF699625, BF207694, BF665900, BE777521, BF215125, BF701217, AV650138, BF574853, BF575581, BF211437, BF791257, BE566395, BF665569, BF700142, BE379886, BF668671, AV715701, AV715023, BF669152, BF666977, BF672605, BF665908, BF576266, BF212430, BF665627, BF699403, BF698941, BF699441, BF238765, BE569019, BE566225, BF207543, BF207758, BF242453, BF695572, BF665909, BF028287, BF211015, BF667649, BF677662, BF103958, BG110207, BE738197, BF668144, BF184116, BE958206, BE379971, BF028523, BF209852, BF694862, BE866755, BE739256, AA579646, BF701199, AW817835, BF667118, BF672681, BF978665, BF669842,

BF701341, BF676825, BF183834, BF028867, BF700023, BF210246, BF126255, BF789931, BE748128, BE566246, BF576057, BF701666, BE865701, BF695426, BF239250, BE777706, BE385758, BF699459, BF183913, BF184764, BF701638, BF666598, BF208146, BE960884, BF243406, BE564332, BF665977, A1819587, BF185006, BF666727, BF212431, BF184385, BE379746, BF670032, BF700399, BF574151, BF132664, BF574718, BF028617, BF697356, BF243601, BF666477, BE932726, BF207676, BF669814, BE565345, BF029013, BF695569, BF697726, BF700619, BF575593, BF694013, BE568213, BF698463, BF211358, BF104771, AV652572, A1064808, BF219153, BF672369, BE865542, BF214604, BE565690, BF211686, BF238805, BF667309, BF668965, BE565802, BE748058, BE877634, BF028249, BF695435, BF028769, BF666425, BF672254, BF671354, BF239134, BF212316, BF668842, BF697228, BF698964, BF574277, BF211484, BF691693, BF977324, BF666348, BE565513, BF965320, BE866299, BF692309, BF244502, BE958167, BF032126, BF104909, BE564744, BF213040, BF666697, BF126077, AV723194, BF540788, BF679002, BF104779, BF126336, BF184094, BE564824, BF675641, BF695444, BF212126, BF697855, BF574182, BE563899, BF698257, BE564270, BE566609, BF241768, BE567310, BF242926, BF670098, BF213347, BF698813, BF668956, BE563962, BF697775, BE738032, BF977098, BF664830, A1304373, BF668182, BF696004, BF212324, BF697539, BF670923, BF665400, BE958610, BF245020, BF673257, BF103819, BF791049, BE748026, BF666288, BF208876, BF667833, BE961000, BF692007, BF694312, BF697994, AB006202, AB026906, AL031284, AB035191, AC083871, AC005669, AB035192, AC009331, AR050568, U50987, AK024382, T58874, T58934, T71736, T64987, T67230, T67231, T79921, T86149, T86258, R23563, R31138, R32586, R32639, R37628, R62229, R79574, R80515, H40864, R84327, R85760, R88759, R89133, R89140, R91018, H60874, H60875, H65195, H78252, H78454, H81658, H81657, H82781, H85510, H86218, H86469, H65195, H97337, H98039, H98938, N23966, N26261, N27927, N33298, N35386, N40687, N44828, N51500, N53645, N72969, N94940, N95157, W02951, W19557, W21533, W73982, AA001652, AA019753, AA019787, AA035383, AA035384, AA047823, AA047848, AA054006, AA054014, AA152494, AA158114, AA281732, AA521192, AA594536, AA576676, AA576734, AA740166, AA804772, AA857576, AA922636, AA936817, AA962638, AA995183, AA995785, AA999959, N55815, N59910, N56243, N56298, AA648534, AA248082, AA398817, AA431056, AA725046, AA781574, AA843621, AA813773, A1003557, A1022481, A1073763, A1073789, D20727, T24605, A1242533, A1262604, A1262756, A1262773, A1274325, A1275968, A1283661, A1284070, A1284988, A1348441, A1300567, A1418618, A1418684, A1473264, A1476020, A1568193, A1423183, A1167823, A1521038, A1276617, A1598021, A1609501, A1686566, A1783892, A1830981, A1889302, A1872047, A1805747, A1817091, A1969515, A1972092, AW001623, A1983450, AW015714, AW024449, AW081290, AW028070, AW028365, AW029610, AW089785, AW072772, AW204825, AW243738, AW2727831, AW190249, AW078912, AW339125, and AW072772.
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HVVAS32	478	101266 8	1 - 4157	15 - 4171	AW439529. AU117687, AU120154, AU125859, AU141795, BF338690, AI971505, BG260766, BE727695, AU138149, BE732674, BE741166, BE745613, AW131381, BE744243, AW150931, AV764246, AL044641, AI971178, BF831776, AA599281, BE786429, BE257208, AU139246, BE858499, W92092, BF692035, AI693264, BF939859, AI683633, BF061034, W92093, BE551039, AA846793, AA427377, AI684721, AA433953, AW058326, AL043562, AI935485, AW613960, AW391916, AI567914, AU149435, BF877944, BE169589, AA854346, AA514743, BF757647, AI581852, AA808308, BG057363, AL043563, AI859960, AU159262, AW952879, AL044640, AI032514, AI382127, AA576494, AA843088, AA720709, AU135064, AI949864, AW268403, AA847376, BE962482, BE349163, BF877943, AA429195, AI673566, AW513956, AI142849, AW270136, AA594908, AI168784, BF857019, AI825660, BF877936, AA761810, AI689188, AA936294, AW576413, AA845619, BF833050, AI418262, AI953507, N47490, AI192522, AW166967, BE835371, N53479, AA127633, BE617953, AW139924, AU144454, AA678097, AA453877, AI400168, AA706391, AA778213, W92032, W92031, AA418253, AI350330, AI348670, AA804820, AW051125, AA600088, N24598, AI656347, N75234, AA643589, BF833041, AI910773, W94011, N59208, R42250, AA693402, AW137406, AW206926, R60845, BE698412, AI184175, AA844415, AW207625, T96124, AI951892, BF918428, T03367, AI803853, AW605293, AW580235, AA031876, AA977276, AI336063, BE858914, AA542903, AI375805, AW515260, AW102614, AI858306, BF223004, AI190434, AI458639, AU157488, H82547, BF057140, AI282131, AA579478, R60844, D52307, AA453793, AA890342, AA485974, AI015439, AA652176, AA487810, R67353, AA031693, T32381, AA506974, AV690188, AA761261, AU157936, AA292162, AI023077, D55029, AI351404, H61254, R66521, BF901978, AI499633, AI203096, AW517882, AA379322, BE160959, AA350998, BF832853, BE767209, BE698644, R18270, F05773, AA292062, AA366547, AA947859, AI091597, Z38999, AI085064, AU155801, N72482, AA665720, H27423, F06075, F05144, BF834828, AW499610, AA931469, AA352929, BF591468, AW003465, AI720511, H61258, AW262506, BF827136, H56319, F02019, T96206, AW951526, W93956, AA342105, R05672, AA938283, BE092950, R40996, T29860, R14476, BE931304, BE697040, AI493790, AW272129, BE465859, AW337569, BF800670, BG007446, AW384759, AI678495, AI940793, AA523479, BE041717, AA127632, AA342263, AW449753, AA781268, BF833246, BF901180, AW796005, BE044247, AA579129, F01390, AI653140, BE765292, AA195493, AW139772, BE937845, N40808, BF155720, BF822728, AA379402, AV704341, N47489, X75304, D25542, D25543, AA948224, C01413, AA456361, AI168811, and AI689970.
HVVAQ70	479	101267 8	1 - 1441	15 - 1455	AI885244, BF034672, AU123624, BE783137, AI741132, BG166410, AA732560, AI635830, BF967991, AI924179, BE548833, BE885454, BE548297, AA133349, BF983768, BE619631, BF034843, BG032544, BE619045, AV713932, AW003603, AI858259, AI858621, AW665674,



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HTAES83	481	101269 3	1 - 3090	15 - 3104	<p> AL528871, AL528870, BF689540, AI088498, BG029109, BG163818, BF690458, BG121525, BE677687, AW118573, AA293678, BF939462, AW009834, AA477666, AI985062, AA477549, AI660877, AA744380, AI760847, AW075908, AI308772, AA603083, AW188550, AI359884, AI003144, BF846444, AA827136, AA857190, AW014572, BE779584, AA291912, AW204044, AI457772, AW394050, AW604877, AA425834, AI989635, BF224014, AA428432, AV761585, AI251454, BE242176, AW083897, BF893844, BE812514, AI289616, AI537835, AW601203, </p>

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HOCMN67	482	101270 0	1 - 1363	15 - 1377	AL524901, AL524902, BF346000, BF974670, BE300440, BE613761, BE298717, BF305443, BE737079, BF315660, BF975373, BE900875, BE794605, BE561418, BE297884, BE396794, BE513285, AL529353, BE560182, AW732675, BE560298, BE396870, BE392195, BE251954, BE397849, BE559742, BE869296, AW674368, BE273242, BE513542, BE939301, BE396873, BF899554, AL523561, BG036335, BF975060, BE712864, BE712991, BE712989, BE712980, BF366123, BE764733, BE816334, BE712872, BE889264, BE939316, BE712995, BE712968, BF091964, BE836278, BE712925, BE712910, BE712914, BE712939, BE713048, R88246, BE712933, BF590942, BE712954, BE836306, BE712957, BE712905, BE712898, BE793722, BE712951, BE713021, BE397330, BF353840, AL424305, BE713046, BG259170, BE764762, BE712893, BE711115, BE713029, AW966962, BF663330, AW843896, BE712908, T28088, BF353844, BE836190, BF993734, AL119235, BF806263, BE247329, BE712941, AW245699, BE713039, AA324644, BE713045, BE712907, BE713000, BF353823, BF935628, BE764756, BF767291, BF873692, BE256697, BF312944, AW793930, BE713031, BE939814, BF905030, AW246049, AA255647, BF898057, AW967945, AW408770, BE071408, AA291247, BE071380, BF803081, AW856222, BF751657, BE071379, AW881797, BE838899, BF942875, M80776, X61157, M34019, M87854, S48813, S81843, AF087455, M87855, U08438, U08437, U08435, Z64532, U08436, and AB012255.
HAPOW35	483	101271 1	1 - 684	15 - 698	BG107619, AL522537, BE787836, AV762511, BF248284, BF667269, BF577158, R11727, BE565643, AA378120, BE798891, H08058, BE293634, BE395888, AA232695, BE250045, AA195384, AW327299, AI915592, BE733913, BE538250, AI123566, AA456540, BF572380, AA312705, H19735, AA42143, AL522536, BF978828, and AA418920.
HOVJM48	484	101308 5	1 - 987	15 - 1001	BF514360, AI984072, BG104550, AW968769, AA447067, AA490806, BE866640, AA683471, BF155603, BF088348, BF088352, AL119141, AA490615, AL037910, AW591443, AA857381, W23546, AV762136, AI524540, AV682490, C14692, AW402458, AA508873, AV764104, AW977540, BF475757, AW276984, AW513195, T52478, AA176605, AW819567, BF766734, BE151470, FI7700, BG057491, AW819626, BF964699, AW780137, F32710, AW151764,

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HBJHY84	485	101321 3	1 - 1512	15 - 1526	BF513481, AI979334, AV750733, AW150342, AI554025, AI917181, BE466873, AA677977, AA836452, AU129610, AA747905, BF379175, AA214482, AI453218, AW959298, AI275918, BF059687, BE067524, AA810010, AW379211, AA301486, AA214481, AA214445, BF379159, AW082876, BF379158, AA721103, BF355470, BF355489, BE939440, BE548541, AB046771, AK000688, AK000703, AB052148, AK001514, and AL356321.
HODEY05	486	101321 5	1 - 980	15 - 994	AA676907, BE907847, AA151808, BE178106, AA465289, AA099035, AV681964, BE931939, BF126400, AV713960, AI968768, AA169424, AW070222, AW243844, BE348296, AA586596, AW016834, AW816384, AA761449, BF222953, AI990337, AI718942, AI807357, AI805276, AW510884, AI026648, AI655423, AI337899, AW514709, BF108752, BE326928, AU150814, AI925967, AI688125, AI334211, AI458611, BF055542, AI367596, BF446726, AI017955, AW273107, AI719981, AI653813, BF239166, AW117292, BE464800, AW003783, AA992935, AA151706, R34792, AW193690, N56974, BE326479, AA826184, N50399, AA903397, AI623937, AI626024, N64085, AI627773, AW515818, AI491985, BF955678, and AK001514.
HFIAS44	487	101328 8	1 - 1810	15 - 1824	BE86149, AW375593, BE269242, AW957836, BF530063, AW375621, AW957911, AW846341, AW375628, BE514122, AW846424, BG030265, AI811330, BF530319, BE869746, AI815588, BE868627, BE732069, AA557637, AI568426, BF313483, AL041389, AW402679, AA406384, AW375475, AI934752, BF155423, AA406342, BE168512, AI968463, AW973674, AW607132, AW846515, BG254619, AA406497, AA313680, BF816414, BG248281, T18893, AW604300, AW604302, BE538503, BF743311, AI206416, AA406519, BG248377, BF732203, BF854744, BF331846, BF087586, R17426, BF834809, T31135, H80276, AI784072, T65203, AW875193, H80290, BE535225, AA247392, AV750366, BF896281, AW973606, AV746827, H60654, BF922334, BF922374, BE936802, BE834304, AI695115, AA813331, AW975890, AW962644, BG236141, AI983327, W56290, BF197086, AA444138, AI816541, AA514456, AA843581, AI049963, BE221699, AI587092, AA250772, AW263993, AA046111, AI206498, AI183986, AW513618, AW664318, AW771830, AI888536, BE221175, AA485368, AA628369, AI580963, AI367671, AA443975, AI049696, AI061268, AI366699, R23237, AW169087, AW151048, AA369024, N24093, BE075974, AI872289, AI049602, D80579, AI150944, AI626126, AI870066, AW166332, AA098961, AA283206, AI887547, BE075635, BF887600, AL121101, AI338261, AA047064, AA182785, AI252230, AA411078, AA412144, AW662033, AL041390, BE542595, AI761472, AI813797, AI762565, AI275243, BE926636, AA612773,

					<p>AW083385, H75862, BE177211, BF920669, A1439641, A1446245, AA394292, BF792218, T46989, D80917, A1421432, F28348, AL042057, BF770820, AA341173, BF344147, AW376053, T65134, BE882809, AW373604, R42660, AA425546, A1525082, BE793306, A1701307, A1560582, BE076123, F37277, BE882207, AW376051, AA191047, BF332146, BF438079, A1969522, AV751041, AA485525, BE550929, AA247233, BF760530, BF888351, T46988, A1004074, BF888352, AW504741, BF734486, AA369025, BF082836, H80373, H80386, A1690040, AA047063, AA187777, AW080581, AW375985, AA098828, BE816499, BF333303, BF333306, BE816510, BF333319, BF333295, BF333315, BF333317, BF333311, BF333307, AA378406, AF124727, AB014570, AF124726, AF124728, AL050382, AF124725, AF168782, and AF124729.</p>
HHAUD68	488	101334 9	1 - 2010	15 - 2024	<p>AU125260, AU143224, AU137482, BF979962, BE905320, BG110056, BE888357, AW954111, BF026567, BG029311, BE886387, BE787743, BF036993, BE005810, BE066803, BE005792, BG106111, BE005659, BG030463, AV716755, BE066786, BG031259, BE778590, AU135372, BE887428, BF034840, BF338135, BE868838, BG112573, AV712560, BF214840, N45714, BF213704, BF028304, BE885061, BE536630, A1356584, A1347088, BE395083, A1681921, A1188394, BF858245, AU126274, BE777483, A1096867, BF678510, A1949239, BF184121, AA707270, AA633307, AW958965, AU157193, A1690981, AW239297, A1200952, A1669681, BE005608, A1798809, AW089548, AW008494, A1890758, A1018475, N23783, AA725815, AW470025, N51271, BF247190, A1568976, A1359668, BF695947, AW009914, N20100, A1139586, BE044205, BG120837, BE005731, AA860476, BG037171, BF825690, BF857560, A1129987, BG260980, BF826918, A1718666, A1207986, N51936, AA768749, AA912686, A1383741, BF857536, A1245880, A1189601, N67649, AV654895, AA946580, N48992, BF826941, AA632226, AA167747, A1356794, W46970, BF826915, BF026656, BF058150, BF858239, BF826920, AA056425, W47070, N95707, A1911483, BF840837, BF857539, BF244858, BF696908, AW771738, BF840835, H82727, AW377477, BF241650, BF857561, BF572620, W70038, BF857538, BF837203, W81364, A1219967, A1245295, A1383740, BF837231, R62245, BF825157, A1961325, BF826913, AA487374, W38741, A1183329, BF826942, A1681827, BF826926, AA659102, AA828479, W00832, W81623, A1827180, BF516055, BF691072, BF825243, BF577004, AA487168, AA332859, A1129023, A1017064, W04513, BF381139, BE243202, AA384913, A1538100, AW770150, AA167647, AA361670, R59853, AA374619, W31455, AA056374, BF028286, H83601, AA865845, BE242044, AA723853, BF215949, R17124, AA064891, A1302004, A1121936, U90549, AC018752, AC073095, W01099, AA177121, AA249743, AA487257, AA487320, and AA680190.</p>
HEEA89	489	101343 6	1 - 770	15 - 784	<p>AW959616, A1135608, W22896, AV691197, AV692570, AA157308, H23082, AV683581, AA062798, BG249373, A1934999, AA480943, A1969520, D81149, F07060, W90404, AA299769, D60727, BF904504, AA233997, A1829619, BE876051, AA299827, AW006228, AW502192, AW499693, AW499650, AW501778, AW499690, AW471169, AW502898,</p>

HNTAK22	490	101352 4	1 - 3509	15 - 3523	AI354690, BF448640, AA315165, AA643671, AI494218, AI343102, AI749069, AW104946, AA494510, AW004706, H51057, AA773322, AA483147, H73553, AI918100, H59236, AA158176, and AF071172.
					AL536370, AL533357, AL533536, AI131336, AW007658, BF344552, AU120249, AI005333, BF968191, AU123605, BF339036, BG104516, BF342185, AI818341, BF341089, BF338566, BF448661, AW519118, BE897793, AI922459, AA595338, AA481702, AI573172, BF343104, AW580751, AW029232, BF338201, AA481466, BF341564, AI811324, BF340378, AA522691, AA838064, AA431924, AW960586, AU127761, BF340086, AI249784, BF737829, AI907170, BF724377, AI332914, BF724960, AA490462, AI167296, BF724935, AU146370, AW838943, AI247322, BF091112, AW571482, AI972197, AL047823, AI452419, AI913043, AI281146, AA973378, BE839067, AL047803, AI566503, AW627773, BF912663, BE839213, AI358043, AW840300, BF856591, AI536813, BF939426, AW192039, AI685213, BF912667, AW838897, BF344794, W92281, AA283179, BF673568, AA563581, BE839253, AA568563, AL040503, BE063215, AI868006, AV704904, AI370569, BE243977, AA490684, AA477377, AI468524, AA714627, AW471279, AI678831, R49217, BF838940, BE244521, AI906145, BF343096, BE836117, AI469506, BE810532, AA595306, W92141, AW057582, BF511204, AW268697, AI539663, R31060, AA477772, AA596047, BF753087, AI742615, AI270525, T11643, AA973709, N93506, BE926227, AA527536, AW169984, AI815135, AI300224, AA443710, AI249321, AW103874, R70422, AW662932, BF913493, AI075341, H27076, AI538134, AW838918, AA477882, BF912716, BE844036, BE770137, AV750559, BE844009, AL047801, AW368290, N69960, AA614578, W21318, AA975702, BF770664, AW631089, BE772925, BF917313, AL047631, U53094, R46353, BF871119, BE243637, AW608388, AW519176, BE770131, AI648417, U53081, BE772931, C00811, BF749312, AA528240, R69441, AW351478, T04974, R46444, BE843765, AA295483, M85547, BE709154, AA443526, AW608283, BF841670, AW838934, AA602219, AA077339, BF092146, BF738433, AA077291, BF912721, BF092200, AW838892, BE938581, AA853204, AA077832, BE815760, BE720190, BE844003, AI914522, AA327286, AI872571, R85073, AW662967, AI926219, AA993064, AW839839, AW748245, BF943528, AW800423, BF850312, AW175924, AI798599, BE772434, AW878667, BE927001, BE938331, BF841498, BE843958, BE938306, BE157335, BE843775, AW385891, R35420, AW361539, AW839348, BF851191, AW385903, BF087246, BE836089, AF053944, D86479, AF053943, E07353, AF043942, X80478, AC006454, and AA976886.
HOVBX78	491	101368 7	1 - 747	15 - 761	AU128231, BE272526, AU130195, BE164466, BE164464, BF085254, AW813416, AK001556, AK001751, and AX017389.
HVVAW74	492	101374 0	1 - 1076	15 - 1090	BG256269, BF530210, AL535365, BG254956, AI937808, BG255962, AA894922, BF570250, BF527816, AI826416, BF570040, BF345133, AI004246, BF761093, BG110667, AW026128, BE548730, BG107551, AA890692, BF982691, AI658655, AI802988, AI186105, AW516805,

					<p>             BG255820, AI272848, AI272690, AI042101, BF761225, AI352429, AI120942, BF766006, AI418972, AU145072, AI423073, BF530690, AW511045, AW173309, AI291821, BG030329, BF761086, AI740610, BF527699, BF761091, AI362065, AA687656, AA629269, BF835821, BF530954, AA683106, BF984558, AI280833, AI306630, BG034611, N33439, AA593782, AI800593, BF761339, BF701281, BF431915, BG030142, N42413, BF229795, BF749806, BE884682, AW082018, BE897071, AI289199, AI362153, BF761099, AI423120, BG034728, BG033309, BF509570, BF761350, AI216789, BF761115, AA279749, AA683256, AA877367, BF761124, AW071745, AW205272, BF813424, BF822023, BF749799, BF761121, W21428, BF761534, BF477449, F25192, BF229830, BF229834, TI7283, BG122182, R90968, BG030077, T27063, BF750367, AI721014, BF214911, BF215397, AA330832, BF761371, AA382323, D52077, BF347639, BF088711, BG028231, BF229788, BF887521, BF927059, AI659214, N23684, BE829350, AI927380, AA554454, BE832772, BG167073, BE763496, AI720758, AA954712, AI524276, AI634593, BE208411, BF229814, F25189, F33111, BF310766, AI500671, AW470648, AA380068, R84504, AA380067, BF345276, AA810280, BF929790, F25151, AI144207, AW381297, BF768871, F37490, BF436462, BF761378, BF229812, BF303656, T27765, BG060184, F28025, AW060041, AA836826, F24889, AA218881, BF933784, AI626057, BE836800, BG059451, BF740463, AA302029, AW874543, BE259326, BE769771, AA359566, AA229607, F30834, F20765, AW327690, N92910, BF336804, AI272314, AA374326, BF927334, BG060172, BE893973, AA523503, BF766630, BG031663, AW021616, AI061361, AV744105, BF765621, AV744733, F25232, AV741390, BF811153, BF229809, F16559, AI284007, AI420237, BF762832, AA302020, F19506, AA308136, BG230879, AA374320, AA320811, AA872171, BF944452, AL038899, BF794135, AA523497, D51482, BE886767, R43766, AA228364, F18331, BF765637, BF891447, BE153861, AI351531, BF344301, F28834, F35366, AA661953, BF898506, BG105239, BE835713, AA522774, AW947423, AA357426, AA721709, AA318036, BG105450, AA879263, AA229699, BF835483, AA533837, BE706643, F35186, D55945, BF761203, AA508807, D54603, AA810351, AA608633, AA876671, H89013, AA938065, AW327325, W00399, AA736728, AA594380, BF799475, W49834, AW877511, BF932118, AW408175, AU122147, BF886479, Z11692, X51466, M19997, U46663, M76131, AF000576, K03502, Y07504, AF113694, AI122093, AF056191, AK024538, AF090934, AI137459, U42766, I48978, S78214, AF217987, AK026762, AB034701, Y09972, AF119883, AF113690, AF218014, AF061573, X83508, Y11254, AB048954, AL389939, AB052191, AF116631, S61953, AB048964, AF130110, U67958, Z72491, A08916, AL122110, AK026642, AF132676, AF061836, AK000247, AL096744, AL137533, AL390154, AL117583, AF090900, AF146568, AL137429, I89947, AK026526, AF158248, A08913, AL080124, A08910, AR038854, AF017437, AK026353, AL049382, X70685, AK025254, A03736, AK024524, AK027113, I03321, AF090943, I89931, A08909, I48979, AK026164, AL049314, AK026784, A08912,           </p>
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					<p>U35846, AF314091, AR087170, AL137550, AK026542, AF119860, AX046842, AL117435, U00763, AF177336, AK026927, AK000652, AK026480, AF116610, AL137560, AL117457, AL442072, AL133606, AK000432, AK025092, AL110225, AL133560, AF116691, Y11587, AK026597, AJ000937, AL359596, AK027146, AK000391, AK026855, AL049300, AK025906, AL133640, M30514, AK025349, AL110221, AL080074, AL049464, Y10655, AF091084, X72889, AL137557, AL049452, AK025084, AX040974, AF125948, AF208026, AF116639, AF285167, AL133016, AF130066, AF097996, AL162008, AF067728, AX042059, AK000647, AK025958, AF116654, AJ238278, AK026630, AF242189, L31396, U68387, AL080148, L31397, AF100931, AF119875, AF132205, A77033, A77035, AK000137, AL137271, E02349, AF111851, AL133098, AK027204, AK025798, AK025573, AB052200, AF262032, AL023657, AF116682, AL359620, AK026647, AL122121, X96540, AF061943, AK025967, AL353957, AK000083, AK027164, AL117460, AL359618, AL133077, AL133067, A90832, AL359583, AF119859, AB051158, AB007812, AF207829, AL117432, E02221, AF026816, AX019230, AX040958, X82434, Y16645, AL050024, AL122050, AF087943, AF113699, AF116644, AK026744, AK026629, X84990, AL133557, AF116646, AL133075, AL050116, AF177401, AK026600, I00734, AL137521, AF106862, I68732, AL122123, U49908, AF230496, AR011880, AL162002, AB033881, AR083266, AF119871, U58996, E00617, E00717, E00778, AF113013, AL117394, AK026593, A12297, AB049848, AF078844, AR020905, AF116676, AF113677, AL049466, AK024992, AF118094, I09360, A65340, AF218031, AL137478, AK026959, AF079763, AK027213, AL359601, AX020124, E07108, AR079032, AF111847, AL442082, AF242525, AF175983, N68062, N74347, W05192, AA160251, AA228378, AA484334, AA542808, F15793, F16254, F17065, F17224, AA876988, AA931571, AA937654, AA937858, AA988562, AA991726, F18068, F18705, AA630345, F00995, AI337621, AI458575, AI586949, AI826925, AI872898, and AI932406.</p> <p>AW081202, BF727086, BE561354, BE295468, BE267749, BE792824, BE513336, AV703327, AI814545, BE560144, AA701033, AI160850, BF726553, AW029525, BF106390, AI927392, AV688621, AA770666, BE695389, BE712504, BE695407, BE695426, BE695391, BE695427, BE695403, BE695420, BE712773, BE695378, BE695373, BE712334, BE712285, BE695419, BE712544, BE712220, BE695436, BE695425, BE712770, BE695432, BE695404, BE712628, BE712622, BE695409, BE695417, BE712724, BE695416, BE695415, BE695398, BE712549, BE695418, BE712547, BE712553, BE712555, BE695401, BE695422, BE712211, BE712548, BE712279, BE712502, BE695424, BE695429, BE712670, BE712324, BE712319, BE695423, BE712231, BE695402, BE695431, BE695395, BE712213, BE695364, BE695408, AA575902, BE712232, BE695428, AI742386, BE712391, BE695413, BE695375, BE712212, BE712222, BE712510, BE711558, BE712624, BE712507, AI524073, AI401286, BE712787, BE712430, BE695382, BE712160, BE711535, AW104087, BE712326, BE712414, BE712392, BE712449, BE695374, BE712322, BE711646, BE712100, BE712505, BE712421, BE712506, BE695360,</p>
HSPSF84	493	101385	1 - 633	15 - 647	
		3			

HPAMV95	494	101400 3	1 - 1393	15 - 1407	<p>BE695405, BE695377, BE712771, BE711502, BE695384, BE711670, BE828330, BE712102, BE695345, BE712668, BE695346, BE711587, BE712171, BE711842, BE711652, BE695358, BE711560, BE712331, BE695350, BE695421, BE712008, BE711604, BE712454, BE695400, BE695344, BE695351, BE712045, AA317838, AA687513, BE712170, BE695383, BE711508, BE695355, BE711760, BE712458, AA767170, BE712166, BE712108, BE712104, BF837811, AI889934, BE712047, BE712103, AI459535, BE712050, BE695368, BE712162, BE695365, BE711614, BE695433, BE695376, AA576980, BE712014, BE828321, BE695412, BE712498, BE711500, AA384751, BE695379, BE712587, BE695414, BF112286, AA687454, BE695362, AI367957, AA976480, BE712223, BE712101, BE711657, BE695348, BE695381, BE695434, BE695359, BE712221, BE711603, AW079821, BE711986, BE712281, BE712456, BE695361, BE711532, BE695430, BE695393, BE828313, BE695410, BE695352, AW510617, AW962270, T71962, BE856500, AI460272, AI309112, AA907009, BE712474, AA507928, T72102, AI886582, T71693, AA411532, AW591351, AI739011, AA626769, BE828312, BE695392, BE828315, BE712003, AA352952, AW370204, BF726661, AA359412, T81771, AA662912, BE327944, AW071632, BE695356, BE940444, BE711542, AA522896, BE712287, BE695380, D60602, BE562400, BE561772, BE562032, AB017568, and AF111713.</p> <p>AU140401, AI738421, BG031482, AI280092, AA400097, BF850021, AW083889, AW592654, AI742697, AI016064, BE903250, BE902947, BG104467, BE892580, BE302880, BF027402, BF726476, BF081511, W49684, BE409089, AI125462, BG032552, AA862329, AA486280, AA700818, BF820549, AI122804, W49694, AA400168, R11861, W49722, AW151672, AL045993, T53335, BF847816, AA962206, T48826, AW631078, BF884099, AA627637, BF737680, AW838008, BF357901, BF883577, W49721, BF988013, BE930738, BE930747, AW888969, AL046421, BE929077, T73984, AW498792, R68647, BF996158, F12365, BF850158, BG008754, R68697, BF037441, M85579, AI073794, AL533644, F07268, T29410, T54278, R24085, R26961, M85403, R22150, T48827, C01506, F27655, BF990588, AW361499, AA364950, AA853311, AA853874, AW380283, AA369501, BG004874, T53334, AW276429, R22149, BF986774, T54386, AA702765, BE762911, BF104742, AI611200, AA323024, F37322, BE747589, BF932773, C18912, AW996016, BF765531, AW998862, T50035, BF350192, H29127, BF668920, BF928730, AW998744, AA505775, AA298422, AW946325, AW946276, BG005177, T50090, AA542979, AI826634, AA112696, BF839409, AW373948, AI370444, N31154, N29691, N29692, BF823044, N50793, AL047256, AI640179, BG030359, M32304, J05593, AF127803, M82858, X62622, U44385, U14526, M32303, S72594, S82718, B12461, L31884, AF112115, M93954, X54533, X75924, AF144764, AF188489, AF156030, AF069713, AJ010315, AF095638, S68860, U44384, U44383, U44382, U44381, and AW270911.</p>
HOVBX22	495	101404 1	1 - 314	15 - 328	<p>AA714453, BF843214, BG222269, AV760543, AA767963, AI241705, AI439360, AA548087, AA737154, BG000467, BF841448, AC004815, AL121653, AC005482, AL138733, AL133246,</p>

HPDRB63	496	101420 4	1 - 1394	15 - 1408	AC002369, AC008392, AL022476, AC004638, AC007151, U80017, AC008537, AL445123, AC004150, AC005089, AC005255, AL161422, AL109797, AC005231, AC005184, AL109758, AF044083, AL049542, AC068799, AP001670, AC004453, AL138725, AC015550, AF168787, AL050349, AC005837, AK026079, AC005696, AC006261, AL049636, AC007954, AC004895, AC005527, AC005399, AL022322, AL049576, Z93930, AC007225, AL031277, AC008753, AP001688, AC006273, AP001691, AC004965, AC006441, AL031848, AL021808, AL132656, AC011495, AC005324, AL049709, AL117348, AL118520, AL121586, AC003982, Z83840, AC007655, AC009086, Z98044, AC009756, AC005529, AL355886, AC005015, AC006124, AC010719, AL138478, AL163285, AC002347, AC011444, AL008583, AC005071, AC006511, AC008413, and AL163201.
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HPCTY73	500	101464 6	1 - 2520	15 - 2534	

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HLWDZ66	503	101484 9	1 - 682	15 - 696	AV649008, BE874350, AA446693, AA449142, Z45275, AU132020, BE869339, AV648920, AW992782, AL138309, AV648696, AW607264, BF241714, BF959303, AU132889, AB011100, and AC053513.
HOEBR36	504	101486 9	1 - 3039	15 - 3053	AV713485, BG036534, BG170867, AI114598, AI111173, BG036983, BE150520, BE150675, AW961549, BF001502, AW966635, BF058522, AI111172, BG107400, BF683214, BE182687, BF513307, BF513304, BE348776, BF211600, AI686319, BF434037, AW009260, AV751640, BF437703, AW182505, BF434712, BF448430, AI658772, BE706456, AA570410, AW178382, AI138925, W84417, AI674263, BF184557, BE706455, AI352522, BE045375, AI202369, AI814344, AI141165, AI129867, AA913359, BE714168, AW615181, W38032, BE667748, BE674831, AI499784, AW237447, AW615373, AA291444, AI148057, BE348487, AA854179, BE706450, AI077329, AI215899, BF817382, AI275129, AW408721, AI301615, AW014525, BF431546, AI246490, AI143146, AW020055, AW149486, AI479250, AA772266, C14273, AI924398, AI719548, AW131580, AA120892, AA643857, AI298759, BE676037, AA191426, AW178336, AW514636, AW150733, AI041121, AI206905, BF967845, BF955169, BF693178, AI445939, AA446925, W67115, AI478785, AW165974, AI499669, N31994, AW390141, AW418759, AI498926, AI970714, AW968513, AW337533, AI660155, AI363053, AA461221, AI095282, AA779601, AA478839, AI304699, AA992491, AA024881, N63209, AA505701, AI090759, AI913992, AI766836, AI076142, N30241, AW380390, AA884384, BE706402, AL045996, AI190727, AA635512, AW025253, AI654598, AI830690, AA854125, AA227639, AI094000, AI762540, AI863564, AA421630, AA554337, AI354541, N31668, AA032235, AA443348, AW380690, AI470075, AI418779, HI8718, AI476471, AA889499, AI435164, AW341930, W38992, AI268787, N32541, AI660523, BF197310, AW439788, AA805244, AA024841, T05966, BE219831, AW057869, BF109078, AA024760, N57135, AI147635, W67116, AA316131, AA160223, AA483817, AA747030, BF057333, AA680140, AA614781, AW072149, AI521097, AA150539, T65551, BF749204, AA954811, N98640, AA460918, AI122872, BF057345, AA906065, AA970380, AI000154, AV724982, AA737575, T65618, BE327373, R83612, AA446007, AW418748, W67360, BF058074, AA227491, R83759, AA424865, BE706452, AV701935, AA877727, AW360967, AA024759, AI379985, AA512913, AI302491, AA906988, AA132381, N29103, W79433, AA625948, BE714160, AA621021, H27412, H09870, H82388, BG142122, BF108978, AI306648, H98146, H82361, Z45598,

HE8OX75	505	101501 0	1 - 1021	15 - 1035	<p>BF343177, N45101, A1278986, AA488870, AA740739, H82281, H09784, T05967, AA446283, AI913814, W79334, A1470792, AA485130, AA700683, R69895, N58195, N24195, AA160177, R20838, H82257, BF827024, AA488948, T31516, A1669670, R42018, H75876, F11949, AA385622, A1873646, AA426159, AA765971, T34644, AV688097, AL441883, AB047620, AF172066, AB008515, AF130102, AB041566, AF006465, AL050299, AF064606, Z93020, T54727, R06416, R06471, R13568, R19094, R20837, R25305, R37466, R39871, R42017, R42017, R46657, H75742, N42887, N93553, W21158, W38031, W67361, W84360, W84361, AA032287, A1132380, AA155620, AA255885, AA569636, AA573031, AA720974, AA732535, AA831731, AA904090, D82558, AA401891, AI051465, AI079793, Z42542, Z41285, F09596, AA693668, AI341775, AI382534, AI458340, AI200672, AI201629, AI658512, AI865217, AW166843, and AW337733.</p> <p>BF508570, BE644977, AV721684, BE856604, BG028865, AI570575, A1744298, W49489, AI693612, BE326589, BE222091, AI916606, BE218632, AI635636, AI928148, AI765683, AW961248, AA970114, BF433076, BE670991, AA702087, AI077996, AI638631, H40653, AI078395, AA846631, AI039434, AA233302, AW052158, AI702147, AI637587, AA932630, AI799774, H27897, H08753, AA327485, AI470586, T15460, AA054083, AL036382, AW276842, AV763971, BE047069, AI963720, AI633390, BF668217, BF942454, AI061334, AL046409, AV740801, AI708009, AA491814, AA623002, AW082108, AV763255, AA526979, AV764307, AI051816, AA581903, AI814735, AV761786, AV762395, AV762111, AI568678, AW833862, AV735370, AI273968, AV759274, BG059568, AW575742, AI344844, AL041690, AW979031, AW029038, AW193265, AV762826, BG231262, AW439558, AA578861, AA610491, AI783494, AI350211, BE677379, AI355206, AI284640, AI613280, BF887977, AI374809, BE156019, AI281881, AL042420, BF942059, BF942223, AW088846, AI064952, AW662543, AW083364, AW083402, AI431303, AW473163, BF918590, AI679782, AI345654, AW276827, AA525898, BF216716, AI801600, AV728928, AW517377, AA632994, AW972628, AW504669, AI634384, AL119691, BE350475, AW303876, AV703682, F36273, AW189303, AV760937, AV763354, BF883012, AI619997, AA806796, AV683151, AI873916, BF915247, AV734666, AI334443, AI368745, BF939954, AA469451, BF942311, AV731764, AV763633, AV699480, AI305766, BF919090, AW438643, AW088202, AI807650, AV762139, BE046438, AI610159, AW162049, AI239488, AI929531, BF854876, AW467735, BF942068, AI345681, AI141675, AI345675, AI085719, AA714453, AA468131, AI886629, BF915722, BF475381, AA569471, AV760624, AW082492, AA503258, AI669453, AI688846, AW104748, AV737044, AI792287, AW303196, BF840676, AA535661, AW274349, AI890570, AI251436, AI796627, BF940837, AV700487, AI471481, AA493471, AI962050, AI375710, AW513362, AV719316, BE206443, AI611990, AV710066, AI521679, AA225246, AI053672, BE049095, AI889781, AW193432, BG171096, AI860020, AW301350, AA219129, BE139267, AA947364, AI270117, AL040130, AI890928, AV761362, BF849758, AV761489, AV760774, BF962283,</p>
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HVASI06	506	101502	1 - 2920	15 - 2934	AUI34143, BE870387, BF001941, BE710214, BG260588, AW963406, AI961474, AW382909,



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HDPXP07	507	101505 9	1 - 2230	15 - 2244	AU143256, BF155736, AV715833, AI826460, AI814455, AI884890, AA769310, BE934114, AW966220, BF790844, AU152276, BF033751, BF576977, AU153650, AW166211, AI864665, BF081591, AU160375, AI084922, AW292992, AA779447, AA829630, AA025234, AI823888, AW418525, AI452519, AI360060, AI684798, AI655985, BE961037, AA026021, BF433538, AA026295, AA766554, AW770982, BF208277, AI276257, AA394033, N64369, AA825817, AA393837, AA435643, BF361706, AA639510, BF217285, BF672893, D60974, AA286843, AI689818, AA251918, AA807639, AA435651, AI246329, AA251762, AW772604, D25894, BG009135, BF736545, AA286844, BE967276, R22470, AA665974, AI570715, BE180751, AI702262, AA026294, BE935513, AW631147, BE812849, AI685029, H26865, R22420, AI565266, BF827750, AA090746, AA337356, T24552, N41739, BE170545, AW890651, AA169886, AW795854, BE935255, BG012432, AV692600, AV697880, AK023226, AY007102, and AK023074.
HE2KH02	508	101509 3	1 - 3564	15 - 3578	AL527105, AU132761, AU116991, AU137245, AV728472, AU137316, AU137381, AU139297, BG261206, AU136360, AU139962, BE549369, AA081939, AI677834, AU157422, AU135906, AI920927, BE785633, AA454989, AI907113, AW664875, BF591622, BE042932, AU154230, AA454990, AI378574, AI936349, AU138016, BF447224, BF337029, AI431805, AW360838, N95598, BF107069, BF084965, AI911175, BF110906, AI221497, AI379409, BE501519, AI424080, Z98481, BF084957, AA236458, AA905045, BF575997, AA553994, AU157090, BE894931, BE891457, AI032765, AI417372, AU156358, AU157150, AA236564, BE568360, AI697933, AI818384, Z98482, AI921677, BF888050, AA445961, AI082210,

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HSPS160	509	101513 3	1 - 2217	15 - 2231	AA631938, AW271824, AI793342, AI582327, AI284346, AA694067, AA285037, AI040042, AI683785, AW504437, AA282330, H11593, AI800992, AI139177, AI090037, AI804488, AI040087, H11679, AI279357, AI264909, AA282229, AI381465, AI199387, AA908723, F09528, F11880, AI240419, AI784560, AW865862, AA501653, AI243707, AI868576, AW576309, F11200, F08866, AA282817, AA278915, AI537020, AI801505, BE138594, AW591276, AW505253, BF769368, AV699840, BE968744, AW069227, AW026305, BE077105, AI421950, AW327649, AI419337, AV738383, AA857812, AW023111, AI310670, AV700192, AW338035, AI797998, AW338021, AI890324, AV718506, AW438542, AI361090, AW084445, BE244178, AV763026, AV763058, AA515728, AI335387, AA282951, AW514662, AV730986, AI538852, AI187148, AW327624, AV756491, AA873573, AA916430, H73561, AI310787, BF839844, BF528591, AA173166, BG029528, AV695953, AA410788, AA719073, BG036370, AI369580, AI821420, AU159329, AA501461, AI114534, AW328202, BF530611, BE893315, AA568204, AA570740, AA483606, AA526542, AI347603, AW500127, AW088656, AA614139, AW978041, AI090377, AA226584, AV755512, AI279417, AW973992, AA664604, AI267356, AI349130, AW467536, AW969743, BF763954, AI889579, AU159185, AI634187, AI267450, AA807704, AI773463, AA634837, AW068596, BE084668, AI491765, AI871691, AI380617, AC004644, AC004494, AC008403, AC004815, AC005399, AC004216, AC007597, AL031311, AL121890, AF111168, AK001397, AC012309, AC008407, AL034417, AC025447, AP001727, AC005696, AL109843, AC004181, AL137073, AC023344, AC005666, AL035659, AL035662, AC005200, AL079303, AL356299, Y14768, AC020908, AL035413, AL022163, AC008745, AC005095, AL049839, AL034429, AL096791, AL031300, AC005300, AL132653, AC010163, AL096702, AP001747, AC006388, AB000876, AC006487, AL355530, AF088219, AC005921, AC006023, AP000302, AF111167, AC010422, AL118520,

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HOCOC26	510	101514 3	1 - 1279	15 - 1293	

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HHEDC05	511	101520 4	1 - 1091	15 - 1105	BF798056, BE898210, BG168649, BE778156, and BG114611.
HODES86	512	101530 4	1 - 1226	15 - 1240	AA063018, AA063458, BE780703, AI444822, A7517939, R02632, AA838190, AI580250, BE043307, A776646, AC005899, AC007956, AL162615, AC005666, U95742, AC007216, AL138836, AC021876, U07563, AL034377, AC007308, AL021397, AL133448, AC007226, U91323, AC022073, AC006958, AC005529, AC011452, AL121929, AC010422, AP000033, AP000269, AL353807, AC003029, AL357752, AL450226, AP000103, AL133246, AL137039, AC003043, AC004644, AC004655, AC005399, AL050307, AB023049, AC002455, AC005500, U68030, AL031295, U95739, AC005324, AL450224, AC005015, AP001670, AL121675, AC004812, AC010150, AC006312, AC005594, AC004000, AC003070, AL032821, AC006254, AC004021, AC012558, AC008753, AC002470, AC002565, AL118506, AL354864, AL049840, AC008264, AC011495, and AA069510.
HOPJU57	513	101532 4	1 - 1631	15 - 1645	AI801386, AI130729, AI951354, AI346419, AA974428, AI143115, A7162717, AI300949, AI148649, BF569612, A7054866, BF570440, AI206813, AI185787, BE615293, BE410344, AI951681, BF569961, BF685656, AI951257, AI189212, AI203857, AI884988, BE735464, AI268318, N30165, A724367, AI340361, A7161821, BE388759, A716575, BE294378, A7083817, AI332853, AI962867, A7148547, AA846546, A7516896, BG036497, BF685742, A7664467, AI097222, A7263822, BE733969, AI193863, A7085571, A7029466, BE877593, A7903789, A721231, BF058882, AI200195, BE736206, A719226, AI186165, AI185135, BF569699, AI180753, BF337640, A721964, AI921807, A7595181, A718926, AI140283, AI476531, A719628, BF671968, AI093516, AI130702, A7874672, BE540302, BE314325, A744704, AA836082, A708878, AI612744, AI093408, AI139691, BF125815, BE901001, AI127942, A7157808, BE512823, A7639777, AI141125, W84441, AI074425, AI126845, AI148609, A7993729, AI027734, AI283187, AI148639, A7514401, A7960583, A7151167, AI088686, A740789, A7613465, AA411261, A707918, BF341253, BF337384, BE794317, W74453, BF342200, AA503552, AA225290, AA663414, AI985822, AA521379, BF968286, AA479563, A778259, BF791194, AI879480, AI088256, A757493, BF675006, AI041962, AI161406, W80350, BF973456, AA411186, F03050, AI143021, A758705, AI970716, AI190498, AI355378, AI459406, AA062856, N20564, W52133, AI139997, W78166, W45702, BE934387, W60579, AI192165, A716922, A748277, BF673324, AA846717, AA651723, AA708138, H18117, W19268, BE796730, AA628056, AI888013, AI074834, A7577396, AI360683, AA393221, H20010, A7180945, AA632093, N35390,

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HVCAC71	514	101534 3	1 - 2211	15 - 2225	AL531715, AL524911, AL538331, AL513967, AL513968, AL521532, AL535009, AL522609, AU131245, BG033342, BE732861, AU123775, AU123828, BE512639, BE271204, BE270981, AI929349, BE901163, BE791770, BG031293, AV759759, BE019767, AU132291, BG034493, BF982477, BE299703, BE906310, BE788844, BE536530, BF980442, AU129887, BG026557, BE281025, BG257133, AW966738, BE878567, BF038336, BF967326, BE312843, BE559997, BG250373, BE278410, AU123662, AV685929, BF701310, AW163400, AA885286, BE731743, BE278525, BE538100, BE560136, BE777712, BE260324, BE882710, AU135115, AW40395, AI290358, BE869232, AU127084, BG035037, AW835061, BG171590, AI806103, BE783330, BF216041, BF028268, AL048517, BG168585, BE869959, BF211634, BF309468, AI572966, BF217684, BE569115, BF130434, BF725661, BF976905, AA306785, AA652324, AA743442, BF571852, AI689767, BE777927, AI003312, BF131121, AL521531, AL522608, AI040166, AI744792, AL538330, BF977349, BG258031, AI493354, AI431952, AL157595, BE974206, BE466004, AI139721, AI188584, AA503712, AA450240, AA861312, BE549795, AI139594, N90748, AA436633, AA165115, AL535008, AA181105, BE855625, AA948158, AW294485, BE536025, BE267993, BF211208, W07594, W70169, AW419332, BE245183, AI360697, AA419100, AI831987, BE773290, AV650249, AV650684, AA961990, N66078, AV650578, AV650246, AA234056, AV650773, AV650519, AA317420, H43456, BF934864, H79111, AA732606, BE241621, AA210764, BF447411, R59256, AA494115, AA376989, AV657836, AV650338, T85952, T29861, AA251969, AA079805, AI628072, N90844, W94361, AA129527, AA026911, AA232668, AI695838, AA337805, AI126527, W70111, AW950187, AI474226, D54979, AA581060, AA453859, F02411, D52775, F06140, AW591856, BF248214, T84801, AA356231, F08428, D54566, AA627894, AI918502, AA131257, AI744927, D53885, AA079631, AI469209, AI589005, AI874218, AI359248, BE464374, AA095541, AA828719,

HSXCO55	515	101536 0	1 - 2745	15 - 2759	AW293706, N85153, BE349156, AA662001, AA211886, BE701834, AA026910, F04653, AA346596, AW130348, AW513847, AI381356, AA136081, AA404369, AW241142, W94470, AI687543, AU151954, BE839215, N26560, AW139523, F03997, BF446921, AI936366, AA057689, AA918953, AW129785, N30568, AA314004, AA916062, AW157342, BE048407, AW971417, AA580027, BE048673, AA506336, U46910, BE855537, AI761970, AA229375, W94354, D57413, AI365276, M30471, M29872, Y15406, M84147, U48971, AP002028, M81118, AP002026, M81116, M81114, M81117, U48966, U48970, M81113, M81115, M81112, U10902, U48967, H59480, N35676, and AA471239.
HLWDB78	516	101543 0	1 - 673	15 - 687	AL527889, AL527888, BF343138, AL525819, BE781680, BG115556, BE732112, AL530486, AU122091, BE884555, AW249027, BE887877, AA702154, BE791388, AA393120, AA195059, AW187982, AA195007, BE787037, BF887726, AA070569, BF881875, BF763234, AW379952, W27989, AA463417, AA463415, D58463, R43806, BE729116, AW379954, R13030, AW000977, BF026502, AW062942, AI334193, BF026989, T66403, AA345992, BE728080, Z44042, BF929103, AA463416, AW848503, AL119081, BF995780, AI886057, BF508517, R97564, BF096090, AA011352, W01495, H52292, AW175839, F34844, AW611799, AV749885, AI872514, AI022690, AA703171, T88769, AA613181, AW976173, W67739, AA412730, T75524, BF090941, BF725485, T33712, AW957599, AW954617, BF096089, AW294156, AI902810, AI902811, AI902809, R83640, F06662, BE832422, R19646, T75487, BF763254, AI703131, BE551051, AV720683, AK022332, and AL021918.
HPCQU04	517	101556 3	1 - 2931	15 - 2945	BF796831, BF210218, BF701279, AA287742, BF541219, BF666412, AU128625, AU126697, BE545375, AA641789, T79066, R09452, BF351826, AI765200, AW998878, AW001630, R24433, AA278916, BF091528, AK001322, and AK022939. BE900483, BE900430, BE793781, BE798566, AI188793, BF792027, BG259644, AW968896, AW005670, BE727050, AU132150, BE903813, AV717509, BE794911, BF440058, BE397846, BG112908, BF312588, BF337644, BG169372, AU117650, BE885591, AU136686, BF344095, AI948456, AW007242, AW974579, AW512338, BE899401, BG258649, BF971664, BF204385, AI824036, BF029478, AW733016, BE616290, AW512086, BG166646, BF305249, BE292944, BF337814, BF205251, AI680132, AW467417, BE275029, BF666066, BE265405, AI201616, BG113759, AI858016, BF666327, BE278101, AI862344, AI768091, AI870673, BF444957, BG180941, BF665980, BF693760, BF438522, AA411615, AW574525, BE748032, BF206162, BG056483, AV756764, BF667931, AA613845, BE927946, BF305222, BF037517, AI174529, AI880678, AI017414, AI688226, AI419240, AW072354, BF220122, BF306174, AW245803, BE894643, AA505693, BF686381, AI349534, BE327569, BE280363, AI629015, AI097281, BF312243, AA046475, BE280085, AI096462, AA205538, AA830698, BG256671, BE617374, AA577517, AA827418, BG110031, AA988140, AI806869, AW401445, AW069828, BF856214, BF849224, AI002518, BF204740, BF309846, BE889784, BE262854, BF968028, AI085160, BF306020, BE298752, AI306461, AI088751, BF683516, AA488767, BG256384,

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HDPAT52	518	101557 4	1 - 1374	15 - 1388	AL046886, BE279307, BE019568, BE391135, AA664125, BG177319, BE384305, BE390284, AW501171, BE889171, BE273776, AW499614, AW500833, BF346622, BE410770, AI371317, AA676873, AI434698, AV703394, BF922390, AA807225, AA721751, AI536606, AA760945, BE163519, AW976065, AI913150, AW747905, BF994170, T90581, BF755836, BF904131, BF084780, BE389227, BG108346, BF828643, AA152296, BG009400, BE778885, D61199, AI378039, BE075569, BF308243, AF056191, AC007050, AC004033, U80745, AL031670, AC005500, AR009990, and AF223678.
HAOSL81	519	101562 0	1 - 2007	15 - 2021	AL521031, AL519782, AL537771, AL532982, BF508854, AL519743, AW957179, BF969852, BE795625, AL526699, BF340693, BE792891, BF238333, BG033672, BG029834, BG104854, BE883832, BE260201, AL521030, BE778826, BE313919, BF115935, BE260258, BE313721,



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HMWTU46	520	101581 4	1 - 1569	15 - 1583	AL535079, AL518148, AL521450, AL517132, AL531229, AL535080, AI040012, AL531230, AI762499, AL524071, BE741293, AL517133, BF027114, AL524070, AI279899, AI246620, BF026440, AI951458, BE746830, BF976082, BE874967, BF975129, BG120387, BE742636, AL518149, BF346931, BE798497, BF971335, BG028042, AL531911, AL536547, BE890981, BF309279, BE394154, BE299905, BE797408, BF237487, BF341190, BE899557, AL531910, AU123377, AI056329, BE886583, BF316766, AW071958, BF794107, BE378387, BF305550, BE304342, BE736150, BG035867, AL521390, BE871118, BE295405, BG252892, BE263295, BF026152, BE900137, BE313624, AL518057, BE866940, BF310604, BE727963, BE741384, BE263729, BG030172, BE269686, BE275888, BF683861, BE263357, BF685533, BE294784, BG036176, AI963529, BE796966, BE746010, BF306510, BE736227, BE891078, AW245424, BE410804, BF686254, AI760877, BG120454, AL521451, BE295095, BG256264, AW391889, BF304851, BE872207, BE879428, BF689615, BE858376, BF973214, AI097074, BG179080, AA449946, BF312801, AA576427, AI138372, BE304566, AW006324, AW009639.

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HSXCQ19	521	101599 4	1 - 1822	15 - 1836	W18188, BF725419, AI147442, AI125755, AI479624, BF971330, AI760369, AW629416, AI569944, AI936750, AI199740, AI983107, AI440301, AW055303, W60994, AW129523, AI709247, AW168252, AW081397, AA932741, F22819, AW339714, AI916699, AI366137, AA010077, BF309912, BF305908, BE298194, BE299230, AA609646, AI521565, BG056312, AA632342, BE222356, AI689599, BG259047, AA411110, AI431516, AA889231, R13519, AI885069, N95625, AW503732, AA878702, BF510349, AW591734, BE146333, AA400446, BF476512, AA868098, R20641, AI797356, AI971324, BE146245, AI810231, BE729192, AI468652, W94707, Z25127, AI492286, AA954572, AW665137, AI857711, AA235851, BE856112, R73152, AW002465, BF003059, AW472891, AI439020, AW964023, BF437333, AI202466, AA400572, AI435394, H02677, AA809174, AA522469, H16169, BF525445, AA377384, H13164, AW029380, BF475393, AA911598, AA601925, AI903140, AI823448, AI270235, H04518, Z28801, AA613532, AW771867, H03230, AW953787, AA165368, AL045450, AW241567, H04020, AI917425, AI36145, AA364034, N88039, N66226, BF886040, AA419377, AI650474, AW237069, AW316806, C01430, AI903143, AB002304, AK025939, AC006486, AC004916, AC004987, AF109718, AC010507, AL133216, AL137028, AC005627, AC004842, AC006328, AC012005, AL035696, and AF270605.

HNOAG06	522	101627 2	1 - 785	15 - 799	BE673717, A1422890, A1631020, A1198891, A1799682, A1433529, BF880961, A1364953, A1198886, AA252264, BE672603, AW956072, A1183458, BE046873, AW150260, AA427927, A1694734, BG058776, BE467480, AA402470, A1633199, AA632367, AA806093, AA205409, AA196509, BE205854, BE205847, AW304915, A1169805, AW370018, A1823501, AA513696, AA722552, AA722543, BE349312, A1887233, A1811053, A1564771, A1360008, AA099151, AA524882, AA702007, AW196886, AU150441, AA524781, AA679745, AW273758, AA483959, AA678402, BF476223, A1824716, BG150152, AW205888, AA192447, R69106, AA181543, A1866935, AA860623, A1129193, BF063495, AW805414, A1879840, BF941974, T94794, AA171643, R69101, T05573, A1015756, AA724238, A1752255, A1984809, R69224, AA312143, AA992923, A1936603, T65801, AW794565, AW304119, R69216, A1118882, AA902788, AA223492, A1983773, AA610089, AW090785, AW608233, A1243278, AA678411, A1720402, AW204601, AW581210, AA335789, BF874179, A1824267, AA723216, AA806903, AW207077, BF877796, A1611264, AA480445, N67898, BE207384, BE148913, BF590649, A1192276, AW205765, AW800019, BF110206, BF877800, BF772862, BE173668, BF740070, AA099249, BE936956, BF871257, AW381337, C01296, BF831318, AW799997, AA579327, AA814839, AW368017, T65920, AA026347, AA026572, A1590020, A1682707, A1185665, AW264186, AF016370, AF001947, and 180064.
HE2KN09	523	101635 1	1 - 1340	15 - 1354	BE799462, BE792498, BE743096, BE797705, BE887174, BF307766, BE260259, BE621561, AW409694, AW973301, BE269774, BF972124, BE296846, BE296277, AW163484, AW157422, AA524968, BF805191, AW409789, BE792849, AW149826, AW439315, A1435067, AW082947, A1982972, AA855083, AW027529, A1081884, AW083431, A1004310, BE262282, A1748899, BE048047, A1188316, A1355876, BE797300, A1302238, BF194752, A1275061, A1459896, AA961666, A1418038, A1139136, A1079833, A1278587, AA865815, AA865641, AA488886, BF772502, AW192032, BF893782, AA708607, A1420439, AV656377, A1936078, A1863272, AA662188, BF893776, BF675574, A1826981, AA662145, AA704357, AW953954, BF926934, BF900915, BF772435, A1140216, R60985, BF858115, BF771180, AA987295, A1202396, A1199200, BF900921, AA085191, A1199350, A1220804, A1122546, A1220749, A1803886, AW954783, AA365050, BF900923, AA648815, T30457, AA642369, BF058583, AA352082, BF893785, AA255581, A1813408, AA935152, T17207, BF213877, F35404, Z39091, BF771380, AA885886, AA262788, BF893778, AW615702, AA476571, BF893786, BF973807, AA448893, BF893779, A1570692, AA916287, and AF095446.
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HB1HU33	527	101705 1	1 - 1625	15 - 1639	BF949789, AA488860, AA319438, BF679533, AW118663, BG251769, AI911406, AU157678, AW502897, AC005495, AK024359, AB020629, AC005922, and AF119885. AL514228, BE731218, AL529655, AL529654, BE797337, AL514227, BE794724, BG110127, BF966631, BE893282, BE742915, BE890123, AW953655, AL528742, AU133581, BE619851, BE881083, AV705155, BE545070, BE908044, BE280723, BE866981, BE905326, BE315420, BG250751, AW361850, BG033740, AW408348, BF966374, AL133679, BE536852, BF694020, BG107184, BG123009, AV646950, AW863803, AW574744, BE536691, BE535711, AW361878, AA205799, BF033183, BE855740, AV752620, AW361703, BE619538, AW235125, BE779606, AV653849, AI953870, AV650365, N51687, AI679909, AI683840, AI860985, AI935673, BF732945, AW361713, AW149707, AI690828, AI613283, AI458820, BF947707, AW293561, BF674450, AA486511, AU154842, AI954922, AI313137, BF986327, AI673750, AI679402, AA424014, AV718741, AA725579, AA099053, BE395738, BE222658,

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HOFAA79	534	101780 1	1 - 872	15 - 886	AI537074, BE733236, AL537980, BE541794, BF664002, BE734188, BF984256, BE278556, BG168068, AA621878, AL537073, R48625, BG18498, BF915081, BF917935, T81623, BE929147, BE763432, AA531459, BF341872, BE763399, BF088660, AA279631, AF134404, AX035942, AB041560, AC003025, AF139813, AC004770, and AC004228.
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HMVDD81	537	101808 0	1 - 1431	15 - 1445	AI188279, BF982051, AW968539, BF112083, BE540598, W07118, AU123076, AA843407, BF574921, AI097335, AI201880, AI742837, AI593345, AI142307, AA570035, AI391562, AV757431, BE669685, BE958108, AA443227, AI367431, AI148021, AA578894, AA811212, AA255682, AA262594, BF475794, AI085416, AI819361, AA493141, AV757735, AV758388, AI148678, AI634525, AA443189, AI244745, AI668949, BF986084, AA527636, AA327805, T61116, BE301362, AI093951, AA465621, N77955, AA455241, T48329, BE183133, BE535556, AW732888, BE567198, AI769272, AI783690, BF131073, AI825568, AV738966, BG031168, AA129447, AW166794, AA282430, BF154836, AI468825, AA770313, T48328, AI474745, AA133846, AI956092, AI540687, N56553, AA096262, T61230, AA095499, AA089548, AW028104, AX048069, AF161477, AL031133, and AK001156.
HVVDDH50	538	101822 6	1 - 2331	15 - 2345	AL521726, AL521996, AU123746, AL521995, AI609202, AU117000, BF974185, BF527407, AL048042, AI807456, AI951181, AI218661, AI799636, AU125082, AA554623, BG179365, BF975404, BF972419, BE733203, BF981524, BG179070, BG255004, BE868042, BF339051, BG036217, BG252081, BF339341, BG255011, BG178332, AI676184, BE621953, BG032707, AI635952, BG119610, BF971762, BG169134, BG250093, AW950204, AA907151, BE049474, BE272619, BG256163, AI905222, AI921071, AL138249, AI923213, AW732273, AI248348, BF127623, BF836270, BF698110, BE295255, AA565395, BF837991, BF345537, BE390767, AA654451, AI808854, AI337977, BE897041, BF525931, AA433931, BF724176, BG164450, AI025276, BF827230, AA430586, AA868692, AI055856, AI571884, AA434234, BE871447, BE785049, AI628309, AI193144, AI446480, AU122957, AI027512, AI890381, BF818545, AI338177, BE869320, AA203693, AA477057, AA434320, AI128008, AW401597, BG059688, AA948036, BE042674, AA772594, AA101156, AA311960, BE697381, AA074268, BF205674, AA503629, AA232550, BF339165, AU148816, BF805272, AA063610, BE925432, AW262115, AA476946, BE789123, AI752696, AW074189, BF971680, AI193067, BF769452, AW409987, AI910092, BE146092, AA148767, AW938642, AA405733, AV685539, AA218698, AA152261, AI139613, AI612782, AA402501, AW104644, AA102669, AI309042, BE870473, AW272879, AW263843, AI609066, BF893081, AI720733, N80732, BE209925, AI752697, F37360, AA586858, R53601, AU143943, BE621441, N99159, AA418836, AW960530, AA515096, N94377, W60430, BE614163, AA150287, BE967097, BG026184, W52952, AW001267, AW402003, H24950, AW874376, N23886, BE697359, AA418981, H18111, AW518137, AA292501, AW080655, AA358993, AA150223, H25769, AA310084, W89085, AA135040,



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HNNBT57	539	101824 3	1 - 388	15 - 402	BE383564, BE397201, BE270063, BE513540, BE409336, BE047639, AW732993, AW406595, BE397845, AW405264, BE386216, BE396554, BE390079, BE410519, BG024694, BG104428, BF975277, BG106009, BE387960, BE397165, BF664125, BF663807, AW405242, BE398026, AA280941, AL521138, BE793757, BF237876, AW407230, AW604723, AW858525, AW858526, AW392670, U46347, BF873833, AW971745, AL119439, AL119484, AL043003, AW804686, AL119444, AW363220, AW384394, AW861889, AW858455, U46351, BE695785, AW861944, AL119457, AL119319, AW604726, AL119324, U46350, AL119391, BE705903, Z99396, BE705906, AW577135, AW372827, AL119497, AL119443, U46349, AL043147, AL134519, AL119363, AL119355, AL119483, AW877209, AL134530, BF868684, AL119522, AL134531, AL037205, AL119401, AL134132, AL134527, AL134528, BF868697, U46346, U46341, BF868687, BE705905, AL119341, AL119335, AW392669, AL119418, AL134533, AL119399, AL119396, AL042544, AL042542, AL134538, U46345, BE705904, AL119496, AW861954, AL042614, AL043019, AL042989, AL042450, AL042984, AL042965, AL042975, AL043029, AI142134, AL042551, AL119464, AC015651, AX046339, AX046374, AX046338, AI279014, AB026436, AI251859, AX030435, AR054110, AR066494, AR060234, AX046357, A81671, and AR069079.
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HCQAW68	541	101850 1	1 - 1639	15 - 1653	AW964813, AW043579, AW606602, BF196135, AW606592, AA808598, BF996827, AW173026, AI417159, AI089360, AI379044, AI027938, AA479468, AI521274, AV706893, AL524145, BF446349, AA470626, AA847893, BF112090, AA418271, AI950883, W31503, AI741193, AI333775, N49409, AA009947, AA456887, AL524146, BF221648, BF903968, AA505961, AW183055, H63962, AI262232, AA778546, AA478576, AA885985, AI972464, H63689, AW193647, AI468599, AI703182, BE090091, AA255751, AW969281, AW292700, AA173415, AA173505, R94806, N49499, W94077, AI678423, D30922, BF515916, W94078, AA417796, BE261235, R94723, AW514056, D31568, AW807806, AA478711, AA335529, AI004158, N87822, N47844, H94985, AV689516, AW614654, AK000010, and AC006557.
HVVY25	542	101877 2	1 - 1399	15 - 1413	BG023883, AL516949, BF347806, AL516883, AL518952, AI831226, AI809120, AI828009, AI951751, AI890506, BE784419, AI983622, AI873523, BE536902, AW195804, BF929565, AI758765, BF892881, AW082032, AV722018, AV721642, BE873168, AW673510, AW966492, AI680233, BE622697, AW512963, AW151053, AW575070, AW731624, BE301818, AW770878, BF940658, AW594313, BE042515, AW514330, AW873970, BF892879, AI018196, BG257923, AA504272, AI934931, AA285329, AI754812, AI352152, AA54954, AI858723, BF347861, AA599595, AW305201, AI201775, AA631300, AW088804, AI472788, AW630681, BE465256, BG254495, AW628145, AI370914, AI055877, AA504444, BG150272, AI860093, AW966486, AA244120, AW051543, AI984410, AI968419, BG009102, AA995868, BF448155, BG231874, AW590016, AW069094, AW341761, AA807620, W60136, AI912098, AI825834, AA115402, AI693788, AI660028, AI962577, AI239601, BF476376, BE618915, AI935466, AI824532, AI961824, AA158486, AI351095, BG057236, BF852585, AI280594, BG248352, AA714530, AA504208, W95488, AA182645, AW512106, AA244119, BF593733, AA158982, AW085867, BG056998, AI768569, BG056799, AI160338, AW151479, AA983670, BG027888, AW170312, AI927318, BG029078, BF764366, H67061, AA888470, AA693357, BF107253, AW241692, BF848473, BF765539, N73591, AI968560, H68143, AI969794, BE618251, AI950776, T28359, AW197568, AW196129, AV746683, AW370116, AI950669, AA159041, N90556, AA302337, AA333143, W95526, BE265830, R42567, BE867690, BE247468, F36408, BE698776, BF815729, AI749001, W20202, AA332441, AI749534, R18363, AW589753, H91599, AW374904, BG023829, AA379738, BE243065,

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HODBV21	545	101894 3	1 - 1322	15 - 1336	<p>AL527298, BE619820, AI129337, AI400075, H95260, AI700915, BF924322, AW969245, AI962975, BG259287, AI694477, AI378304, H15457, AA838155, AA984755, AA996230, R60228, H65654, AA173556, AI637647, AI637886, R73942, AA699726, AF150906, H11463, R50781, R41575, H40319, AA468552, R45631, R38492, R09151, AL527344, AA768602, BF846028, BF735013, BF871018, BF872092, BE671302, BF833910, BE700118, BF932703, BE083790, AI198056, BF800399, BF871407, BE768340, BF879885, BF846257, BE767620, BF735172, BF744458, BF901172, BF879815, BF093944, BF901176, BF879761, BF084871, BE816989, BE813729, BF990339, BE083901, BF869861, BE816987, AW009660, BF901174, BF734953, BE835951, BF902928, BF879763, BE816846, BF991450, BF901178, BF854789, BF987970, AW878658, BF992580, AW878662, BE167842, BF991459, BF992589, AW610318, AW610312, AW610296, BF943313, BF082459, BF802582, BE835167, BE828563, BF902012, BF735396, BF961425, BE816849, AI371163, BE926219, BE925447, BF082326, BE083742, BF991442, BE170227, BF739235, BE698127, BF910419, BF991448, BF360270, BF735162, AA778231, BE928009, BF890885, BF872350, BF881126, BF992452, AW664582, AW889695, BE676920, BF961424, BF854717, BF902020, BE693646, BE813904, BE835952, AW806879, AW381871, BE766552, BF991174, AW894560, AW885979, BG059105, BF987977, BF906303, BF735452, BF870540, BF882873, BF735012, BF902190, AW866365, BE075323, BF870413, AA551773, BE084641, BF881962, BF926533, BF918732, BE841188, BF857701, BF873835, BF896718, BF770378, BE082529, BF899679, BE939555, BE825641, BF769485, BF870539, BF821670, BF992588, BE714111, AI248811, BE835078, BF332061, AI907428, BF879802, BF998998, BF879770, BF961429, BF735089, BF848413, AW360793, BF813376, BF881131, AW360794, BE080872, BF373720, BF857702, AA973283, AW369847, BF817385, BF872081, BE835954, BF879768, AW945566, AI174991, BF081825, BF771727, BF958071, AW945550, BF880810, BE841743, BF878705, BF816766, BF913307, N44337, BE719423, BF930433, AU142153, AI904717, BE002200, BE940156, AW384408, BE935089, BF983887, BE926453, BF096173, BF845026, BE619501, BF951386, BF954993, BF870677, BE164590, AW858568, BF926355, AW858501, BG116215, BF825326, BF766721, BF957057, BF958360, BF815961, AW970506, BF082331, BF816756, BF923904, AW367657, AW604760, BE180466, BE835974, BF879712, BE674905, AW894887, BF958859, BF998209, AW861939, BE813820, BE816130, AI904206, AW607448, BF081800, BE816993, BE816518, BF839269, BF329111, AW754352, BE011715, AW392799, BF092257, BE932890, BE833370, BE700094,</p>

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HAZAR95	547	101933 8	1 - 1438	15 - 1452	<p>AL535593, AL525453, BE729550, BE799612, BE792749, BE792753, BE741908, BE271258, BF570265, BE901401, BF689236, BE797224, BE741382, AL525652, AL533821, BF027373, BE792123, BE727659, BE735258, BF568922, BE728096, BE616789, BE562617, BE794820, BE732845, BE735121, BF027083, BE797510, BE300117, BE741585, BE793408, BE799572, BE378818, BE300256, BF027383, BG105877, BE729032, BE793289, BE795579, BE262442, BF965901, BF975680, BG109788, BE792042, BE277131, BE792391, BE733017, BF976699, BE262774, BE734804, BE734752, BF026490, BE253895, BE729830, BE735012, BE792051, BE901161, BE744853, BF690455, BE792942, BE616834, BE796179, BE735150, BF664529, BE728178, BE732376, BE614830, AL518947, BE792282, BE792499, BF310738, BE795725, BF973007, AI857766, BE562383, BF686079, BG112735, BE274700, BF685034, BF312079, BF975845, BE744754, BE742292, BF969003, BE560133, AI951578, BE253894, BE735111,</p>



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HPDRZ03	557	102013 0	1 - 2717	15 - 2731	BF795061, AW976162, AI336187, BE787905, AI566053, AA621555, BE379004, AI888132, BF449002, AI572793, AW953596, AV731560, BE464189, BF700608, AI057629, AV690932, AV731217, W20089, AW949930, BF185794, BF574471, BF790461, AI033649, AW978656, BF590535, AI015769, AW974203, AW580919, AU129798, AI187161, BE566880, BF672832, BF701487, AW379270, BG176763, AW379230, AW819999, BE565065, AI016847, AA54284, AI470063, BF028077, AI436699, AW974207, AI433764, AU151875, AW607577, BE866508, AV730208, AA496518, BF801714, BE565163, AI804118, AW386794, AI185250, AW611543, AW576189, BE787936, BF081587, AI864050, AW606295, AA757266, AI292179, BF698279, AA937967, AV728215, AW662851, AW770253, AA903450, AA828540, AW819747, AW664434, BE972481, AV748931, BE566589, AA086404, BE565629, BF669858, N59859, AI090008, AI018582, AA311481, BF369464, AA639411, AA235868, AL044818, BE565965, BF028240, AA194974, AI277479, AI830724, AW819990, AA884776, BE088303, BF825153, AV706348, AA352565, AA112766, AA994736, AA307919, AA195042, AV727714, T92794, AW577193, BE091282, BE698130, AA747705, AA305360, AW078967, AA130846, AI383982, T92816, AW974202, BF032637, AA332267, AW768891, BE840891, N50876, AA385919, AA206069, AL531278, AA236069, D20276, AA573456, AA454851, N90429, AA206242, AA206251, AW820081, BE091322, BE179477, AA204820, AA804901, AA207272, D45772, A20553, X55316, X59710, L06145, M55045, X59713, and M60617.
HOCPO73	558	102018 0	1 - 3993	15 - 4007	AL517889, AL530663, AL530664, AL527010, AL519426, AL534226, AL517890, AL519425, AU118754, AW957151, AU125377, BE880294, AW467484, AI425003, AL532403, AI743711, BG261041, BF969175, AW269442, AW664040, BE467609, BE795175, AU129661, BG149333, AV722937, AI378839, BE503990, AA808061, BF511587, BE504725, BE550797, AV713026, BG111932, AI796765, BE779434, AW194726, AI141040, AU119219, AW675131, AW295030, AA907763, BE836425, AU149049, BF382219, AW090689, AA129297, AW970465, BG010166, AA808655, BF210690, AU145244, BE219006, AW090757, AU145617, AU144713, AU151742, AI040749, AA743502, AI376068, BF115269, BF432202, BF677542, BE673593, AI624081, AA449017, BF431936, AA425355, BE075299, AW275278, AA234143, AA400665, BE935814, BF594345, BG006317, BF211366, AW172960, AI082446, AA533366, AV687417, AA235178, AW103577, BE935750, AV686296, AA644064, AI393088, BE549680, AW104603, AA425560, BF433781, AI041616, BE672915, BF361973, AU118056, AA743516, AI767159, AW303946, W07337, AI536829, AA281366, AA400717, AW013799, AA583447, AA084316, AW169817, AA809281, R60645, AI246220, AV686665, AA129338, AV690633, AI374726, BF514173, AW078570, AW340767, AI620168, AA765027, AA456431, BE774508, AA196627, R60591, AA991773, T09201, AL038082, BE841488, AV688425,

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HWHGO25	560	102084 1	1 - 651	15 - 665	<p>AK025015, AL031280, AL049845, AF139813, AL135783, AL117337, AP000009, AL391384, AC004066, AC007383, AC007262, AP001429, AP000150, AC003025, AP001713, AC016601, AC020552, AC005578, D83253, AC024247, AC010358, AF205588, AC004228, AC034246, AL136170, AC006571, AL121977, AL157826, AL136314, AL031602, AC002045, AC008122, Z85996, AP000035, AP000031, AL136101, AC003013, AC005914, AC005330, AP000100, AL136981, AC003971, AL109952, AJ000673, AC005538, AL109825, AC005041, AC004980, AL162831, AC016816, AC006452, AL162390, AL157372, AB011166, AC020898, AL022313, AC011464, AL021937, AL161757, AL034420, AC006483, AC003982, AC083871, Z97988,</p>

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HWMNE31	561	102085 2	1 - 1048	15 - 1062	AL523455, BF685619, BE396633, AL522875, BE727102, BE385361, BF971548, BE901324, BE251996, BF683401, BE727862, AW957925, BF972411, BE887273, BF063156, AV650861, BE348280, AI479252, AI471620, AW242495, AI138610, BF038793, AA307040, BF476579, AA631250, BG010494, BE327939, AW300589, BF348460, AI650780, AI126751, AW237339, BG008457, AW361221, BF949318, AA868535, BE704322, AW104774, AW853553, AW139397, BE252382, AI766554, BF803012, BF973574, BF805834, W22123, BE244245, BF986189, AW804846, BF996230, BE876641, AA131115, BE176635, BF089058, BG015073, BF808543, BF876184, BF743463, BE882668, BF876140, BE779075, BG008749, BG004714, AA159254, AL523454, AA159246, AI889092, AA054682, AA159444, BG029940, BE003218, BG109109, and AF083384.
HUSYJ75	562	102087 8	1 - 829	15 - 843	BE616886, BE737370, BE313836, BE616411, BF314407, BF309777, BF683527, BG034665, BE259399, BF685748, BE799408, BF683989, BE313841, BF684679, BG256204, BF305186, BF684326, BF339386, RG120598, BF683765, BF304139, BG031413, BF205559, BF203380,

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HSDFS07	563	102090 4	1 - 1051	15 - 1065	AV660563, W28683, H06169, U46296, BF791236, A1816502, H16434, W65439, AW901775, N44987, A1035427, and AB007903.
HCOPC09	564	102120 8	1 - 668	15 - 682	BE877222, BE563229, BE906536, AW006817, A1660818, A1309831, AA075143, AA683587, BE273512, AW004931, N32191, N32189, AW189983, AA195167, AU155716, A1457910, A1128868, AW802561, AA505434, AW802439, AW802607, AW305090, A1190254, AA642293, A1933386, A1708906, AW802602, AW802604, AA569431, AA074407, A1369322, AW802589, AV656952, H26602, AV656964, BE003740, AW802600, A1017411, AA480199, F29822, BF111575, A1623115, A1886671, A1984344, AA194955, AA074308, T53523, C02021,

HVVBT22	565	102132 3	1 - 1687	15 - 1701	AI749291, AU134911, BE813290, N51842, AW748175, AK001829, and AJ245905. AU117422, AL514582, AL532153, AL535182, AU119503, AL515348, AL518412, AU142403, AU136064, AU117566, AU125032, AU142609, AU120990, AU125166, AU120250, AU122228, AU120208, AU131839, AU125690, AU120809, AU120431, AU120496, AU121653, AU130969, AU120289, AU141529, AU117312, AU122759, BE731920, AU125858, AU136185, AU143171, AU124914, AU123314, BE748881, AU124640, AL537080, AU117082, BE747420, AU138101, AU143396, BE86071, AU134283, AU138420, AU130772, AU133610, AU134639, AU122001, AU137905, AU124552, AU134165, AU126330, AU120773, AU128599, BE019382, AU123242, BG033773, AU123244, AU128844, AU128812, AU122063, AU140131, BE898670, BE781312, AU126452, AI357396, AW161269, AV713949, AU134973, BE901129, BE257934, BE902602, AU128388, AW410254, AA173565, AU129219, AA85276, BE271870, BF195178, AU127412, BE271305, BF308186, BE543295, BF796416, BE883484, AU134938, BE874501, AA810505, BE280671, BE535185, BE791948, AA460919, AW515392, BG231654, AV760243, BE563561, BE871731, BE514155, AA306727, AW160602, AW614922, AW328678, AI751440, BE267332, AL038056, BE262753, AW264678, BF035231, AA745986, BE874665, AU126313, BE795186, BG105962, BE779924, AU143282, BF919797, BF920391, BF919798, BF919736, BF919863, BF887577, AW410104, BF920023, AV760330, BF919859, BE277024, BF920401, BF919741, BF920393, BE728896, BF892628, BG250877, AA643578, BF919800, BF919739, BF919855, AA136603, AV760748, BF920402, BE895069, BE792450, AA461222, BE781751, AA905219, BF306371, AV760722, AA173850, BF305355, AW073698, AA602419, BE049587, BF305270, AA863330, BE782876, BE242149, AA361044, BF919846, BF304408, BE787371, AA306612, BE313786, BE778186, AW976276, BE748292, BG035992, AV737626, AA826291, BF308278, BF970617, AW161764, BF025985, BE883883, AA173728, AW580945, BF965263, BG119870, AU125383, BE392807, AI751588, AA113339, AA214477, BG024481, AI160578, BE778007, BE781925, AV757089, AA374616, BE264518, BF670760, BE269160, AW797530, BF688054, BF920018, R42651, T41211, AA359827, BG033868, BE271463, BF349723, BF919791, BE085587, BF670517, BG110561, BE246601, R77057, T51111, BE222796, BF210615, DI19665, AA749391, AI222227, AA746250, BE085637, W22802, BF681379, BF688133, AI659594, AA903199, BE710280, BE253002, AA084239, BF306478, BF892623, BG167309, BF032518, BE707092, BF576794, BF768008, AW166002, AA092065, AA333206, BE903624, BF768014, BE277196, BE085565, BE867589, BF475712, AW672890, BE890700, AA361776, T51019, BE071854, BE893757, BE934839, BE829205, BF211131, BF688803, AV733173, AW972818, L76159, Z23064, AR083785, AC004051, AL121573, AL034397, AJ237847, AJ237846, AF031568, U62105, AF146191, Z57492, AF074708, AF074707, A41579, AL133665, AL080139, AL389935, AJ012755, AL357195, AFI24728, A77033, A77035, AK026541, A23327, AL389982, AF230496, AL133623, AR050959, X00474, AF116602,
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HAMFW66	566	102132 7	1 - 2419	15 - 2433	AF199027, AB048953, AL133029, AF087943, AL137480, AK026506, AK025435, AK024855, AF116573, X82397, AL117460, A03736, AA085262, AA173113, N83834, AA205473, AI439174, AI559781, and AI149923. AL526421, BF348345, AW960471, BF967738, BG029196, BE888136, AA521213, BG026624, AW269820, AL526380, AA935806, AI811094, BE544188, AW297814, AA530864, AW183088, N93208, AA190485, AI590925, AI580177, AA530872, BG166234, AI192467, AW675014, BG001657, AI770041, AI392640, N78499, AW613010, BF752886, AW082182, AA285173, AI031786, AI031914, AA828941, AA768225, AI921261, AA705598, N73658, AA189018, AA088228, AI081497, AA748426, AV722453, AV722710, AA812077, AV722812, AA825401, AV724527, AA729099, AI476037, AI797637, BF516236, AA181631, AW577499, BG261386, AA115700, H66289, AA190522, BE246170, R80280, BE247161, AA088373, AA826000, D44777, AA988049, AW449908, AA807271, AA829143, AI469173, AI474641, AA552196, AA961047, AA076472, AW183263, W38991, AW969186, AA328179, BE929231, Z30295, AI077532, AA076361, R66760, H57093, AA115701, R77473, AI541132, R31313, AA284026, BE813379, R76603, BE929288, R33300, AA190923, R31573, BF987396, AI824597, AA302351, H67718, AA639693, AW748613, R33149, R66399, AW613313, H57094, AA814297, R76604, AA329168, AI903265, AA091905, BE004643, AI472450, AA190924, F13607, BE926658, BF989794, AW577495, AA419387, BG105915, BE003461, AW440944, AF271070, AC016254, AF075704, and S77359.
HPMBW86	567	102166 1	1 - 884	15 - 898	AA282852, BE909837, AA324267, AI272171, AA826428, BE617994, AV725733, BF950693, AF129756, AL132713, AF000504, and AJ245433.
HOFMK02	568	102166 6	1 - 373	15 - 387	BG168646, BG168645, BG117025, BG253641, BG025417, BG258222, BG167818, BG164284, BE612896, BG252223, BE621811, BF345060, BE910738, BF798053, BE621893, BG123011, BF984992, BG117030, BF984267, BG031014, BG117026, BE621810, BG168644, BE614378, BG253645, AA362688, AA362690, AA362689, T29199, BE613101, AL044652, BF793870, AR080280, I66487, A94048, A94061, AR035224, A49045, AR071324, I09252, I09251, AX002278, I09270, I09268, I09269, I07209, I07249, AX042374, AX033488, AX033489, AX033490, AR068508, AR068510, AR067734, AR068509, A63954, AX042377, AR091571, AX033474, AX035427, AR089207, AR089206, A49701, AX035430, AX033486, AR089208, AX033487, AR089205, A29109, A32111, I66495, AR068550, A23373, AR068551, AX042373, I66494, AR085090, E01324, I08638, A94046, A94054, I58322, I58323, I66498, I66497, I66496, I66486, A27169, A27170, A39929, A83151, AR067731, AR067732, AR038307, AR038321, AR070554, I09267, AX030435, AR051528, AR051547, AX030436, AR051537, AR051524, AX042376, AX042375, and A42964.
HOUHK71	569	102168 2	1 - 415	15 - 429	BG232144, AI078579, AI634879, AI206835, N32586, AI184760, AA992169, AI351746, N32600, AI830545, N62169, AI693942, AA602061, AW069038, AW768856, AA326452, AA811954, BF804385, AA862029, AW962235, F35674, AW664548, AI671077, AA297789,

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HCOOW23	570	102175 9	1 - 909	15 - 923	BE253921, AL536770, AL533198, AL534756, AV650088, AL529457, BE293315, AJ403132, AL534757, BG248619, AV759232, AL532630, BF515555, BF982726, BE392537, AW752338, BF337539, AL522277, BE252854, BF337870, BE888289, BE796085, AL522276, BE798216, AL536769, BE798556, AW820575, AL515572, AL532584, AL525226, BF3422351, AI937797, AL529456, BE269295, AA853153, AA371767, BE296482, BF342746, BE794857, BF304289, AA322256, AL038180, BF204689, BE867391, BE737482, AA486356, AA359937, ALS25271, BE925554, BE711533, BE548184, AA348677, AA344315, BF846052, AI878966, AX014299, AF158978, AF196969, AF220146, L08237, and AK000570.
HACMT02	571	102179 4	1 - 321	15 - 335	
HISDS67	572	102201 8	1 - 2308	15 - 2322	AL534825, BF966655, AL534826, BE297391, BF220011, BE245264, AW156875, BE791830, AL513756, AI288798, AI983649, AI983228, AU148467, BF194886, AI949855, AV751641, BE858463, BF530393, AU158916, BE670426, AU151009, AL537788, AI198922, AU141329, AI084858, AU130221, AA975273, AA826390, AW369907, BE467257, AI419391, BE467571, AA161209, AI369446, AU152769, AW474249, AI702643, AI085602, BG142258, AW471257, AW090631, W26589, AI085983, AL269061, AW079989, AW338324, AI934186, AI798753, AA772100, AW956493, AV654106, AI497580, BF890701, AV746621, BE696848, AU130902, BG056286, AU155631, AU141632, AI368950, AA702289, AV728848, AU133753, AI735233, BE832305, AU159447, AI042204, H45328, AU124643, BE327413, AI378413, BF367422, AI363351, BF940478, AW467982, AW150346, AI654974, BE612670, AA086226, R62990, AI090507, AU134777, AA112992, D61140, AI421781, AW052148, W32560, H15253, AI076859, AI436265, R63046, AA927548, AA757678, H13533, AI651723, BE672226, AW197530, AI367015, H12421, F34298, H45260, AI935399, R68712, AI671255, C15812, R43616, BF448890, BF477771, H12422, AI096595, W32679, AW411298, AW966603,

HOVAA59	573	102203 7	1 - 2880	15 - 2894	<p>AW128862, AW001843, AA482578, BE328367, AA377846, AI077629, AI690355, AA654380, R68660, AA299000, BF352133, BF310574, H13534, H41302, AU128780, BF352130, AW268127, AA365873, AA587492, R39217, BG105786, R20277, BE384469, AW957423, BF941068, D31426, BE729547, BE743568, BE410793, H15252, BE903090, AW408329, AI564769, BF026087, AW246135, BF335432, BF685675, W37662, AL157426, AK022957, AL049448, AK000633, AK026153, AF055078, AF161886, AC008969, AC010642, AF055077, AB029149, AB029150, and AA159113.</p> <p>BF663546, BE515265, BE271255, BF686472, BE271158, BE799923, BG250167, BG114802, BE560209, BE896965, BF983729, BE907113, BG113833, BE867974, BE312104, BF436337, BE267744, BE730335, BE267870, BG259130, BE780948, BF529227, AI678038, BE251580, AI302252, BE301829, AW006365, AW239255, BE889219, BE273260, AW293884, BE218473, AI912806, AW006355, BF058239, AA400151, AI346600, BF732881, BE560177, BE384861, AI703178, BF447926, AI684363, AI814411, AI243451, AA400177, AI458007, BF222427, BE513941, W44360, AA101019, AI479636, BF478032, AW078759, AI160522, BE797999, AA101020, AW296926, AA194366, AI288978, AI299323, AI378783, AI276087, AA399412, AW406211, AW614033, AW028776, AW402617, AW138677, AA308772, AA424970, BE219523, AW004676, AI014657, BF347470, N28719, AW247480, AI217469, AA194451, AW013943, AA582260, AI494169, AI287639, AA078843, AA459771, AA935341, AA962823, BF718676, AI568731, AW575260, BE241846, AW168461, AI609321, AW168460, AW501176, AA102492, N23054, AI270766, AW501163, H03116, AA052893, BE241450, BF061050, AI081881, AW088007, AI828294, AI473797, N79446, AA053066, AA155614, BE839053, AI910774, AA593294, W45713, AI859126, AW501340, AW075530, H25422, BE560824, R68175, H23671, Z25175, BE241715, BG059631, AI922153, BG056804, BE887176, AI333925, AI285233, AI222309, BE537653, AI358978, H12425, AA078842, AI018011, BF941218, AA296841, H25463, AI025963, AA292172, AA516434, H18375, AI909804, AA913370, BF740947, AI973056, AA644057, AI351425, AI540605, AI824426, T84848, AA972466, AW732545, AA495972, H52832, AI202261, AW001521, AW006790, R50745, H23627, AA985274, BF877647, W07816, AW380738, H52831, BF903465, R50289, AA515082, AA830254, BG056687, AI744667, AI808482, AA807117, AW403735, H44855, AA406283, BE241528, AW131676, W23579, AI383034, W35247, AI126158, AI868512, AI671272, BF115474, AW593817, BF841813, AI223169, AI473155, BF588530, Z28826, AW238907, BE560844, AA552350, AA580852, AI653221, AI917471, AI669976, AA033652, AA807814, BG013843, BF876270, H27900, AW166470, AA631984, BG010588, AI745340, AW751433, BE767176, H40656, BE767205, BF796402, AI039390, BF795712, BG252929, BG113493, BG029667, BF338002, BG167830, AI890907, BF971016, BG119543, BG113712, BF970425, BG163646, BF971261, AL046681, BF792736, BG180295, BF968504, BG108452, BG114865, BG111100, AI906578, BG179586, BG111590, BF968622, BG251851, BG165260,</p>
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			1 - 2428	15 - 2442	AU132311, AU133843, AU123628, AU126989, BE270303, BE965853, BF104740, BE782152, AW967966, AV710700, BF979638, AF1760361, BE866269, BF572988, BF977379, AA835886, AA282291, AW152499, AA232116, BE694283, AA282292, BE866003, H24091, BE694299, BE694274, AL036481, AA587771, BF590906, BE694256, BE694301, AL036074, A1738975, AI337371, AW138609, W01426, AW370876, AI085600, AA258395, BF691661, BE828089, AI654432, BF980280, AW370872, BF825914, BE711349, BE694242, AA808145, AI249475, Z28899, AI095789, AI888383, AI383951, BE694255, AI041993, AL036075, AW631216,

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HCOMM05	575	102208 2	1 - 1649	15 - 1663	<p>BG250919, BG168448, BG119581, BE873125, BE873068, BG026155, AI681802, AA534542, AI044632, AV698020, AI912061, AI912050, AI298280, AI271683, AA587766, AA143726, AA565889, AI052230, AI983603, BF939524, AI369272, AA079779, AI148467, AI028441, AW747800, N93876, AI950520, BF511609, AW024410, AI933105, AW138648, AW579260, AI244430, AW605368, AA583571, AA436795, BF531044, AA158795, AA079751, AA595313, AA947417, R27340, AI373637, AW182724, AI244362, AI869920, AW381284, AI348932, AI991003, AI250467, AI335365, AI611516, AI252717, AW086414, AI252210, AI310178, AI252203, AI345138, AI308005, AI310659, AI250541, AI311180, AI250964, AW301779, AI348928, AW086115, BF840501, AI311179, AI250009, AI345868, AI305732, AI311504, AW303046, AI269522, AI254155, AI335130, AW301495, AI251162, AI862506, AI371584, AI311043, AI251045, AI335320, AI305978, AI590436, AI284537, AI310038, AW301422, AA158794, AI224292, AI252538, AI053635, AI862262, D31472, AW268255, AI685886, AI540612, BE043498, AW371409, W40369, BF718394, AW071370, AI886550, AW371414, BF765964, BF805100, AI955911, AI024888, AA143739, BE645943, AI254135, AW748697, AI246935, AW177721, T35070, BE743993, BF765681, BF030689, AW748701, C00345, BG223100, AW371416, AA902858, AW827228, AW369434, AA581215, AW663332, BF968085, AW117919, BF814541, BE966388, BE98902, AI932915, BF726237, BF753020, BF342070, AI554245, AW132056, BF342475, AI800433, N80094, AI358213, BF726183, AW088899, AI539153, BE048071, BF726504, BG168696, AI919107, BE964497, AI680457, BE047852, AI802833, AW020095, AA946741, AI698401, AI110306, AW118398, AI251830, AL041772, AI805769, AI929108, AI468872, AI680280, BE048157, BG116586, AW999049, AI251205, AI888621, BF343174, BE965192, BF970186, AL046356, AW195957, AW002342, AI889953, AI659795, AV714209, AI520809, AI569309, AW151785, AI498579, AI478123, AL119791, AI922901, AW198075, AW088134, AI432736, AI610645, BG058039, AI587606, AI699011, AI476109, BF341801, AI697324, AI335214, AV729451, AW081255, AI868831, AW073994, AI888944, BF344652, AW189415, AV757797, AI280670, AI590686, AI783861, AI119863, AI866608, AI886124, AI345746, AI680498, AI628217, AI802240, BE907440, BE543089, AL040241, BF895953, AI687065, AW827289, BF343172, AI469738, BE964700, BG029053, BG260037, AI805688, AI249877, BF970446, BE907624, AV728670, AI345677, BF982085, AI952920, BF814357, BE620444, AV756770, AI431909, AI633062, AW406745, AW505354, AI343059, AI376180, AW168031, BG105895, AI682743, AK025588, AK025824, AF119909, AL137526, I48978, AK000647, AL050138, AL080127, AL359583, AF217966, AX019230, AF078844, AF116688, A65341, AK025084, AK024538, AF130100, AL122098,</p>

					<p>AX019229, I89947, AR070212, A08916, AF130092, I48979, AL080060, AF026816, AK026885, X84990, A08913, AF130066, I89931, AK027116, AK025383, AK026452, AF158248, AF155148, A08910, AR087170, AF061943, A08909, AK000137, AF017152, AK026528, AK026480, AL049382, AL050277, AF130077, AF125949, AF104032, AL389978, AK026784, AL137538, AK026608, S68736, AB034701, AF271350, AK026504, AL080074, AF177336, AL389939, AB052200, AF177401, AL133014, AK026551, AF130110, AF119894, AB052191, AK000083, AL122121, AK026045, AF162270, S78214, AK027164, AL122093, AL133606, AL162002, AF003737, AF113689, U67958, AL157479, AR059958, AF116649, A45787, AL117440, AF111112, AL137556, E03348, AB041801, AR000496, U39656, AF113222, AK000486, AF116646, U96683, AL133560, AF130104, AR038969, AK000652, Y11587, AK026642, AF119865, AL137271, AF217987, AL133093, AL050146, AL353940, AL080137, A08912, Y16645, AF119875, AF119871, AK025312, AK000323, AL137527, AF081197, AL110196, AK000445, AK026583, I33392, AF225424, AK026630, AL117394, X93495, AL137463, AB019565, AK026408, I26207, AR038854, AL359941, AK026533, AK026592, AL137478, AF166267, AL133640, AB050534, AL133081, L30117, AK025209, AK026947, AK027193, AF113691, AR079032, AF116631, AF008439, U72620, AL133104, AK026464, AK027113, AF097996, X87582, E05822, AL050024, AK026597, AB047887, A77033, A77035, AK000432, AF218014, X70685, AL049314, AK027200, X92070, AF116602, AL110221, AF130075, AL133016, AK025254, AF116682, AF175983, AF207829, AX006092, AL359615, AK025484, X96540, AL133565, X72889, AK024524, AF113019, AK027096, I09360, AK024601, AK026741, AL117460, AX020124, AL133075, AL162062, Y14314, AL050149, AL133077, AX026824, AX026823, A58524, A58523, A93016, AR013797, AB048953, AF111849, AL117585, AK027160, AF026124, AF219137, AF260566, AF111847, AL137521, AK026855, AF081195, AR011880, AF119883, AR083266, AJ299431, AJ242859, AK026627, AF130099, Y09972, AK026600, AF113676, AK026532, AF090896, AK000718, AL389982, E02221, AF079765, E04233, AK026865, S61953, AF091084, AF100931, AB047904, AL359618, AF183393, AF155221, AK000753, E07108, A07647, AK026462, AF116639, AL390167, AL080124, AL137476, AF119337, AF113690, AK024588, AF067728, AX042059, AL162003, AB047615, AL284538, and AI335140.</p>
HL YDC86	576	102216 2	1 - 2970	15 - 2984	<p>AI207830, BF980256, BG255565, BF527753, AI207808, BG117478, BE882223, BF032245, BG107961, BG028168, AA418445, W55859, AI927385, AI885195, BF207485, AW959654, AW974422, AW026019, AI634742, BE672190, W55860, BE467355, BF216890, AW368105, AW167206, AW938120, AW780348, AI890090, AA609091, BF061507, AW008797, AW471447, BE328742, BF438483, AA486828, BE539697, AI222822, AI922048, AA854525, AI139534, AW268992, AI082583, AI921872, AI689669, AI869021, AI198325, AA890469, BE546325, AA825182, AW166302, N53464, AA568725, AI273743, AA872908, AA565397, AW183155, AA187931, AA137123, AA188547, BE673258, AI420396, AA130271, AI424421,</p>

HTLEP21	577	102216 7	1 - 498	15 - 512	AA234216, AA837444, AV698758, AW081790, BF215282, AW001985, AI290692, N64050, AA487149, AA632867, AA278971, AA627287, AI421568, N30841, BE843068, AI015710, BE672175, AI080408, AV656531, H22069, AI860058, AA513444, AA772734, AA321226, AW512054, AA252409, AL527193, AA320611, AW512226, AW818993, Z38627, AA460468, BF901042, H58266, AA600285, AI536727, AA336516, AA856652, AA376938, AA332020, AA319582, H53033, AI872704, AW819114, H27447, R64230, BF375565, AA336300, AA948563, N91625, R36577, AW754354, F03234, AW888699, H58658, AI873589, N72467, BF804502, AA360789, AA805558, BF870334, H53034, AA348195, AA312725, BF855351, BF901053, BG000249, N41368, BF906545, N68734, F01718, AA096049, BE836999, AA039632, N79304, AI095276, AL527194, BF088469, C21390, N48520, AA570529, AI923530, AA236028, AI333340, AA252364, BF350925, AW998964, N39406, AW962027, N88953, AA324480, AI860277, AW178942, Z44006, H10498, BG110839, AI308234, R52572, AV752119, BF969512, BF979615, N88646, Z21403, AA091227, R60109, AA911274, F05669, AF171939, AF171941, AX013196, AC004846, AF109907, AF171938, AF171940, A84104, AF108092, AR060049, U70674, AF170709, AF169191, AF169192, and AK023670.
HVCAS77	578	102231 3	1 - 1263	15 - 1277	AA737807, BE396727, BF337404, BE514003, BE901238, BE902214, BE778641, BE560533, BF212227, AI950417, BF310368, AW296355, AI694694, BG113731, BE856560, AI341643, AW083848, AA448944, AW076035, AW772825, BF224446, AI341859, AA316241, AI950236, AW452665, AI796355, AI367080, AA582612, AW891296, AI338467, AW601444, T62771, AF081280, AF079325, AC010789, and AF267714.
					AL521313, AL521314, BE747572, BE253933, BE790552, BE796103, BF976677, BE791415, BE792769, BE274394, BE796689, BF796503, BE794149, BE793203, BE794288, BE793965, BE782408, BE730602, AI659313, BG259406, BF309144, BE795024, AW005203, BE899367, BG180536, BG166395, BF973764, BF020215, AI768158, BE782309, AW005822, BE793448, BE263339, BG112962, BE783146, BE252166, AL520006, AW409697, BE275767, BE797479, BF348188, AI811508, AW409803, BE336617, AA662424, BE408619, BE045964, AA532741, BE798119, BE251277, BE546783, AI245935, AI829864, AA805144, BG121848, BE729203, AA836071, BE208381, BF526851, BG036461, AI422141, AI333291, BE293399, AW071219, AI186332, AA989165, AI075429, AI765526, AI199555, AW631134, AA775457, AI369339, N76112, AA310550, BE560339, AW081404, AI440080, AI097580, AA057723, BF215457, AI306438, AI984535, AA835895, AA261829, AI333784, AA504630, AA314685, AA506513, AI660313, AI369337, AA775467, AW672784, AW081409, AW245674, BE791842, AW404380, AA125833, AA857593, BF804330, BF348989, H43541, AA705660, AI336830, R38335, BE547114, AA732440, H43540, BG232104, BF594600, AA262477, AA639827, BF588468, AA917401, AA329694, AA450327, BF002621, W05602, AW605466, AA995637, AW406034, AA055082, AA249052, AI474964, AW575850, R39418, AW630350, AA502317, AI277110, AI468717, BF807015, AI380789, AA504727, AI474540, AA450328, BF807011,

	579	102262	1 - 791	15 - 805		BF811653, BF811638, AA247223, AW604498, BF382264, AA059437, AL119511, AL119443, U46351, AL134902, AW392670, AW363220, AW384394, AW861889, AW858455, BE705905, AW604723, AL042450, AL119497, AW858526, U46347, AW858525, AL134529, BE705904, BF868687, AL119335, AL134533, AL134528, AL119396, AW604726, AL134527, Z97029, AC020934, AJ251859, AX030435, AX046357, AR054110, AR069079, AJ279014, and AR043113.
HOGCA79	579	102262 7	1 - 791	15 - 805		BG168184, AL520454, W26661, AW852195, BG025290, AV724937, BF507602, BF088108, W03095, AL137260, AB023164, AK024400, and AK025279.
HSKJP93	580	102266 3	1 - 902	15 - 916		AL529011, BG255347, BF690072, AL526898, BE619715, AL526862, AA225276, BE313356, AI038975, AI921710, AW008086, AI090281, AW069180, AI363208, BF589487, AI089610, AI347908, AW149792, BF438638, BF197170, AW169069, AI360030, BE962354, N20554, AA622048, BE645187, AI281033, AI078405, AI206446, AA234630, AI619944, BF677125, AA716397, W46238, AI363209, H57560, BF438307, AI076931, AI245901, AA232141, N50121, AA781638, AI339741, AI949284, AA587473, BF879123, AA417926, BE049614, AA039652, AA725052, AI088073, BE617041, AA873510, AI830299, AI674249, AI075714, BE301100, AI184096, BF060686, BF060708, AI143825, AI682736, AI371374, AI753946, AW517317, AA404562, Z41593, AW197868, AA039653, AI201064, AA226403, AA911964, AA936800, AA587227, AA180295, AI375376, AI472925, AI375208, AA633085, AI917575, AI796045, W46237, AA256621, AI276514, T35186, BE440014, AI022101, AA490686, AW753961, BE720795, AA490464, AW380609, AA907215, T23530, H69686, AW207363, BF088878, AI272710, BE814054, AA677846, AI887107, AI382910, AI340115, AW591579, T69837, AW883612, AI868215, AW800073, AA382930, BE931847, AA508694, BE763875, AW025790, T29949, BF917720, BE715584, AA709274, BE172905, AW578884, AI000438, T70170, Z39224, AI242350, AI242352, AA065234, BF037167, T32777, AA232682, AI362572, BF593504, AA559094, BE715507, AW591554, BF736794, AA747146, AA442426, AI498518, AA715001, AA064932, AW795338, AW795199, BE814103, AI869467, BE832738, BE832684, AW967343, AW879422, BF815725, and AL050022.
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HSEBD72	582	102290 4	1 - 613	15 - 627	BG259688, BG236381, BG106089, BF540736, BF685406, BG258836, BF317099, BE885124, BF685000, BG119494, BG026412, BG169451, AA130162, BF338064, BF035082, BF794548, AW163397, BE887335, AW247610, AV762460, BE769830, BE769829, BF307824, BG256286, BF346899, BF035806, BE891041, BF668220, BE735421, BF346627, AV764510, BF686475, BE905176, BF965427, BE563345, AW404764, BG105558, BE292726, BE732009, BF674377, BE733090, BF978450, BF309938, BG260314, BF218394, BF699000, BE784528, BF879216, BG253332, BE907669, BG028162, W65380, AW939133, BG260576, AW406459, BG032966, BF879284, AA037254, BF669461, BG249709, BF344262, AV688291, BG025832, BG114919, BE790011, BE547194, AW605534, BF689211, BE275820, BE895300, BF794947, BE274641, AV761956, AV760279, BE617459, BF237719, BF769691, AA244342, AW802123, BE905962, BE795747, AA736559, AV660803, H19605, BF768800, AV761301, AI718292, AI801068, AV716780, BF829067, AI033692, W37563, AI805149, BF343157, BF374369, AW157339, N55921, AA308978, AW880508, BE747475, H49329, BF768932, BF738806, BE832841, AW161592, BF185152, AW796437, BE568100, AV694334, BF768790, AW057902, BE617906, BF360560, R62329, BE539858, AW665269, AV711201, R69210, BG254986, R66651, AW802172, AW881164, W38866, AV655875, AW802153, H87324, AW340407, R71144, AV688290, BF879276, BF214803, BF929293, R81889, BG120942, BE560575, AW802168, R53482, BF209485, H15764, AW802110, BF681137, AA375768, AW802147, BE077283, BF771934, H50061, BG171644, BG058508, H42936, BE077392, R48677, BE082886, AW407445, AA347144, AW802114, AW340164, R82676, D30956, T83271, D31446, AA405848, BF246844, AW583591, BE077328, AI377826, AA063466, AA371719, BF771933, AW794316, BE298232, BF376838, AA506331, AA062973, BF376632, AA374912, AA877781, AI245944, AI870352, AW361732, AA309983, AA507296, AA405806, BF770066, AW958497, BE908127, AI376668, AW080994, T86590, BF349383, AA654022, AA132472, BE694496, AI753821, AA843958, AW804272, AA502629, AW262017, AI871454, BE170840, N22675, AW902974, AI200846, AA968888, N92574, AI368783, AI023505, AW878956, AA508010, H96667, AI094436, AI222362, AW800153, AI818859, AA035095, AA844075, AW973531, BF806782, AW845333, BF807373, BF868465, AA401366, BF806177, BF806786,



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HDPYE27	583	102291 1	1 - 2457	15 - 2471	AL535627, AU117693, AU133608, AU119497, AL134742, AU133888, BG105714, AW025344, BF979860, AU133649, BE300443, AW612474, BF526063, AV717721, BG251688, AI658995, AW341214, BGI70879, AI806196, BE544828, BF432471, BE869548, BF792621, AW867813, AU136996, AW471220, AI440474, BG260994, BF966796, AI969455, AV701778, AW149733, AI346272, BG166396, BF340507, AI765002, BE738221, AV662073, AV752780, BF694518, AV748898, BE549788, AI034259, BE738065, AV661976, BF671837, BE089819, BE795854, AV734070, BE005803, AV686490, AV686488, BE005795, N75091, AV662018, BE005664, BE895332, BE178956, BF242928, AI122783, W29011, AI333196, AI825897, AA314971, AV752594, BE005606, BE858054, BF130219, BF576841, AW664049, AV661779, BE005669, BF540905, AW022145, N77557, N28928, AA243776, AA165101, AW900013, BF589341, BE005676, BE005672, BE299622, BE005575, AA228021, BG120042, AA743613, BE005741, BE005737, W60732, BF952459, AI299595, AI246278, AI080681, AA926635, AA035737, AW631275, W73050, AI379933, AA228112, BF954892, BE005568, BF963753, AA082696, BF670939, BE675773, BE005736, BE005746, BF327649, AI274376, AA281420, AA243648, N27998, BF575026, BE164952, AA278973, AA410182, AA290935, AA232786, AA410201, AW630845, AI873477, AW953374, AI830057, AI026003, N43014, BE084625, AV682830, BE081358, AW900070, AI828386, N75197, W37990, AW900066, AV654432, AI282107, AA233347, N36648, AI095232, AI915416, BF363823, R56367, AV659848, D56390, BG037063, H04632, T08244, AV650468, AA130092, AW193046, AW468972, BF577350, H42814, BF790682, AA778440, H21609, AV658915, AV751826, AA386234, R31373, N37091, BE762493, BF239542, AA912662, M78700, BF725237, BF247208, AW900064, BE708290, AW007159, AA310870, AW662402, R76203, AA639654, AW999182, BF950167, AI094600, AW021634, BF737909, AI683811, AA057679, AV651954, T35315, AA053789, H12348, AA094999, BE814819, W80865, N47433, H72981, AW370192, AU145818, AV750848, T34113, BE000442, AV750781, N50027, BG057321, W07579, T31648, AI744925, D58486, T30904, N80416, AI698554, R59114, F06223, C04716, N46147, D82417, N22321, N43000, BF927325, BF029395, BE165011, AA298197, BE181257, R78803, F12336, AA486303, R96110, AI363334, C03677, T66084, R33003, F06176, R24775, AI479455, AU144460, T16664, AI963359, AI445747, AI339917, AI500179, AI653997, AA693500, T56448, AA737626, AI333501, AI697381, AI040028, AA302875, N21339, AI467948, AI336372, T31494, N38773, AV747459, AI244054, AW663192, AK025782, AF062347, AF062346, AL135924, AF062072, AF062071, AC011497, X75687, L37047,

HCRQL51	584	102299 7	1 - 2305	15 - 2319	AL035687, S77728, S77733, AL031779, R33002, R35868, R38141, R74436, H43352, R84456, H72982, H89910, N42305, N43789, N46405, W24772, AA032297, AA054617, AA057645, AA228055, AA236690, AA258520, N87136, AA096136, AA285111, Z24957, Z42327, F05590, and AI264124. AU119322, AU118070, BF793583, AU137424, BE617595, BE315138, BE745899, BF968625, AL536796, BF035337, BG252446, BF037602, BF034003, AW962462, BF032444, BE906949, AI735021, BE788139, BG180237, BF968987, AA742531, BE251625, AV686830, BE293987, AW961556, BG180156, AI885309, BE796435, BE780280, BE301295, BE746423, AV703004, AA305098, BF035583, BE294731, BF306595, AV703002, BG179712, AL525791, BE298699, BG114053, AW411113, W74495, AI669362, W81038, BF032316, W80993, BE250265, BF308144, BF203753, BE544148, AA164898, BF219917, W52079, AW055121, AU151701, BG026198, C18503, AA826677, AU152875, AA861256, N58519, AA490662, BF107490, AW439205, AI141566, BE295898, BE467825, BF939939, N78110, AA022816, AU145696, AI139127, AI332333, AU144725, AI687696, AA164350, AI131285, AW026846, AA628910, AI312082, W68312, AI160305, AI185908, AA490663, AU131850, AU146589, N52266, AU153513, AA452014, AI144355, BE297017, AV747490, AI362317, AI887487, AA460515, AA628412, AW028103, AA063604, H98032, H98026, AI761235, AA902345, AU150829, AI435142, AI185808, BF204612, AA865476, BE298732, AA128515, BF195219, BG054834, AA834957, AA022724, AU150185, AA452667, AU157170, W79092, AI280837, AI146288, N99570, AW411362, AA406257, AI521491, AU120552, N70514, BF589080, AI375013, BF110251, AI141866, W92519, W69407, AA046582, AA411293, H19196, AA770242, W79442, AI190213, AA406349, AI221257, AI333864, AA86676, BG111370, W03825, AA406194, W68313, W95431, AA903867, W05412, W74422, W74431, AI141157, BF793551, AA653273, AI038020, BE271596, AA694594, AU131039, AI878927, N95320, AI802326, AA305289, AW411114, R18211, BE616934, AW069853, AI471836, BF793734, AI150777, W69593, AI094648, AV693992, N90108, BF365091, AA931449, AA039647, W79185, W73571, AA653287, AI185405, BF330499, R70970, H97401, AA039648, F08689, AA046668, BF038202, AA129961, AA305621, AI871226, AW087931, BE271614, BF309462, W38390, AW802705, AW806684, W94567, AA367561, AI097533, AA621450, R17280, AI057156, AI214700, W76075, AI015116, W95558, W81075, AA693348, BG036963, BE295852, N70464, AA449581, R89201, AA368025, AA991769, W42631, W24562, AA649724, F08884, H97406, AA450357, C15326, R66204, R96759, BG036738, AA328199, F08872, AV685126, T19284, AA460514, W79342, AW044059, AA728839, AU127692, AA331425, BF054990, T51402, R44806, AW023107, AA330284, AV752334, AA340217, AA358762, W79158, AA494531, W73490, AU129611, C15210, N46311, F11207, AX014085, Y11534, D78611, D87367, AC007938, D16262, AL445439, AK002086, AK024414, AF157833, T48441, T52292, R19141, R23196, R23195, R23611, R24673, R25173, R41957, R42149, R41957, R42149, R67082,
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HDTCC55	585	102304 6	1 - 520	15 - 534		AA258999, AW968317, AA188896, W37285, AA279200, AI224604, N46923, AC007246, and AC007253.
HOOIQ91	586	102304 9	1 - 1295	15 - 1309		AW168960, AI768465, AA833900, AW513031, AW172822, BE047295, AW168819, AI922412, AA234667, AW167313, AW072542, AA234092, AI733409, BE047365, AU147222, AA169392, AI683793, AW150155, AI812106, AW194288, AW189221, AI042034, AI624047, AI564173, AI870263, AW192809, AI743616, BG166439, AI623851, AW419167, AW002809, AA937976, BE047176, AI564249, AI624863, AI623924, AI469088, AI041979, AI871945, AI871951, AI580123, AW205936, BE935573, AI371324, AI554903, AI625585, AA828595, AI783522, AI047564, AI745174, AI566183, BE677512, AA426189, AI826615, AI333335, AI253620, AI347565, AI248726, AI201873, BF433582, AI435879, BE674699, AI367602, AA962745, AI360271, AI417677, BF002902, BE677503, BF109285, BE045621, AI499139, BE315309, AI671362, AI539403, AI674360, BE503132, AI859468, AI301030, AI767147, AW169324, AI694531, AV754007, AI310735, AW157803, BF724651, AI826759, AI279129, AI003585, AI621336, AA827587, AI680494, BE218962, AI078673, AI672366, AI733257, AA789104, AV754606, AA205327, AW170737, AI093680, AI926281, AI619860, AI784110, AW293059, AI800270, AA283760, N25626, AA457543, AA559351, AW473664, AA828577, C75159, AW130212, AI872863, AA302630, BG166851, H46978, AW002819, AA831557, AI200964, AW512414, AI290120, AA464958, AA931732, AW979025, AA405630, AI817564, AI124945, AI478915, AA809727, AA286859, AA283951, AA829588, BF841884, BF346199, AA287165, AI278996, R34748, AI246535, AA253309, BG113717, AI923125, AW971894, BF769175, AA984914, AI370393, AA134112, AI381491, AI793281, AA115873, AA029807, H09578, BF814192, AA234721, AA252903, AA629539, BE932216, AI191747, AI669856, AI565478, AA987462, AA703946, H01491, AI955885, W81069, H17450, BF850162, AA384359, R35085, AI761053, BE963431, AA702262, R51044, R09408, AV750439, AA978001, F12486, AW867924, BE618648, AA757319, AI001988, AI935395, AA526772, H85093, AA582172, AA721397, AA552269, AA721299, AW867939, AI247246, AI453231, F15201, AA384384, BF083266, AW602400, BF940390, BE774537, AW973189, T74222, AI201095, AW867946, AI935681, AI865498, AI804497, F15194, AW977077, AI287361, AA788650, AL080317, AC008554, AC011751, Z98750, AL357654, AL158167, AF179874, AL031073, AC016678, AC010598, AL122001, AC022401, AL157931, AC010877, AC007068, AL121947, Z97876, AP001748, AP001629, AK022175, AC005023, AC011506, U85197, AE000660, AC002301, AL121931, AC012099, AL121593, AL109843, AL353759, AC006313,

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HCE4K28	587	102322 7	1 - 828	15 - 842	BE251233, BF038927, BF347465, BE255791, BG261100, BE265011, BG252766, BF237964, BF341361, BF811744, BF812225, BF812221, BF811725, BF803568, BF683177, BF811925, BF803566, BF803575, BF341300, BE710680, AI338346, BE257293, AA740876, AW247781, BG149833, BF526519, BF808322, BE266628, AI813350, AA419453, AW007022, AA159868, AI394647, AI831560, AI986018, AI391639, AA251685, AI923681, BF808339, AA159159, BE501108, AI283861, AI459093, BE251035, AW167781, N57101, AI191699, AW137364, H80556, BE736716, AW793699, BF718607, BF923554, BE466741, AI245965, AA708766, AW571508, AA251686, AA252787, W76495, BF434616, AI955009, AA419463, BF812236, BF378516, BG056211, AI003741, AI203962, AI057195, AW026970, W16577, AI376270, AI300556, W71991, AA394018, AI094017, BF811912, AA609205, AI379060, AA461579, AI421922, AA084917, AI356865, H18135, AI783705, AI127734, AI370833, T68938, AW976556, AA084133, AI191294, AI826910, BF108552, BE766920, AA679251, AI269971, BE394697, AA601010, AW883934, AW883925, BG014220, AI800716, BE671366, BE673174, AA744620, AI344391, AA632031, AI400496, BG014333, BF718567, AI796780, BF348502, BG236778, AI378507, AI744581, AU134588, AA159208, H41958, AI241187, U66879, AF021792, I63695, AR079500, AF031523, AF031227, AR027720, AR027721, AR027722, L37296, AR053293, AR027723, AF003523, AF279910, AK023420, AF279911, Z57098, AR027724, AR027725, AR027726, Z57099, AR027727, and Z57752.
HPDVY62	588	102326 4	1 - 1441	15 - 1455	BF791680, AL157538, AI610419, N76659, BF216785, AW139803, AL079664, H15335, BE697296, BF906493, BE142894, AW797489, W32059, R55591, BF062564, BE835658, BF766768, BE546573, AV692836, R22184, T85798, BE142893, AW379474, BF687947, AA329802, BE536844, AW903869, AW903870, AW380710, BE819364, AR016730, and D50857.
HLHDK42	589	102333 9	1 - 500	15 - 514	
HLDRQ55	590	102337 5	1 - 409	15 - 423	BE561708, BE397890, BE268639, BE397751, BE397790, BE269151, BE873069, BE268295, AU120617, BE271270, BE268703, BE268701, BE398100, AA334095, AW995307, AW995309, W31960, BF895806, BF931643, BF930965, BG002721, BG002138, BG002722, BG002718, BG005940, BE174438, BF819638, BE167551, BF819433, W76394, BF812079,

HVVBI06	591	102341 4	1 - 1435	15 - 1449	BG002292, BF087746, AK025337, AF034803, AK001131, and U79024. AU121060, AL524073, BE731783, BE733775, BE798760, BE797665, BF982757, BE729218, BE728554, AV723001, AV716494, BF695695, BF242517, BE732954, BF795423, BE879759, BE732923, BE562197, BG115476, BE896076, BE562376, BE794139, BF672980, BF032401, BE732931, BE563691, BE896648, BE885875, BF213466, BE874320, BF665994, AW961027, BF667041, AW961019, BE619281, BF965285, BF184706, BF183836, BE543111, BF240830, BE270698, BF973136, AI114724, BE385687, BE787172, BF978288, BF125558, BE907607, BE391842, BF694036, BF184106, AW951807, BF212993, BF184932, BE734775, AV715859, BF573586, BF697212, BF103826, BF213045, BF701226, BF238438, BF212145, AI525578, AV710440, AV759667, AV703094, BF698530, BE548132, BE748425, BE564883, BF183893, W02952, BF685104, BF212212, BE564063, BE567314, BF028072, BF697499, BF672133, BF695461, BF664731, BF573565, BF212506, BF699650, BE562148, BE958217, AA187814, BE958124, BF695287, BF184999, AV717310, AV706418, BE567531, BE737889, BF103745, BF668704, BF665496, BF242298, BF699106, BF132731, BE566481, AV715122, BE568506, BF571371, BF700006, BE270579, BG110157, BF212115, BF668868, AV715832, AV714082, AA187818, AV714956, BF027705, BF695727, AL524072, BE250921, BE564282, BF207927, BF132342, BF665427, BF208451, BF239518, BE568083, BF184647, BF214386, BF351648, BF668895, BF029289, BF573910, BF212012, BE407757, BF248417, BF132410, BF698893, BF696699, BE563995, AV716411, BF977835, AV715099, BF155127, AA315423, BF029476, BF700327, AA011002, BF030329, BF210488, BF671021, N24411, AV722691, AW631367, BF239345, BF028941, W39678, W07050, AV750423, AA313955, BF744150, AW751793, BF029529, N79718, AA588785, N27672, BF212072, BF211229, BF211856, BF242151, AA037095, BF034657, BE960836, AA101348, BF214352, BF103884, W81499, BF239431, BF698675, BF215318, H82172, AW629729, AV761372, BF215826, AA157381, BF126109, AV756747, AV756268, BF676288, H16955, AV712613, AV762396, T32107, BF667232, BE777574, BG026950, AA157614, AV717904, BF570823, AV658036, BF239745, W40280, AV713889, W16740, BF217052, TS9582, AV750431, AV685082, BE775036, BE748945, T35555, AA305434, AV707476, BG035879, A1742758, AV706173, BF701311, BE775071, BE619895, BF695315, BE569188, W24555, BE567258, W65442, BG034184, AA363213, H81955, AL037301, T34594, BF354152, T33932, Z45780, BE709223, AU133503, AV715886, R00935, BE614342, W19245, AW025087, AV755537, BF243756, R22626, T35968, AV656765, AW363004, BE613624, T49361, BF354185, BE254680, N56123, BF753104, BF748791, AF064603, AL078477, AK001768, H95940, W24774, and AA089459. BE903361, BG024522, AU121709, AL520222, AU120408, BF312234, BE280271, AL528866, BG030073, BE735338, AL529949, BE254932, BE873142, BE871646, BE889244, AW445184, AL519310, BF339823, BF944071, AW732693, BF205332, AW370642, AW246161, BE262499, AA702613, AW246057, BE314433, AW361547, AL519664, BF313220, BE280953,
HOCME51	592	102342 2	1 - 820	15 - 834	

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HPDOP74	593	102353 1	1 - 1646	15 - 1660	AL515112, AU142335, BE747636, AL519047, BG034207, AU130268, BE900224, BE797717, BE797012, BE794333, AU120518, BE741737, AU121130, BG163776, BF035644, BE793884, BG258183, BE791478, BE790974, BE744546, BE734152, BE787289, BF569162, BE744251, BE903073, BF025650, BE791225, AU122661, BE733512, BE561359, BE270507, BF984460, BF568938, BF311137, BE732820, BE253671, BE274893, BE740907, BE382686, AU131487, BE908861, BE901585, BG251242, BF317343, BG255108, BE270700, BE730619, BE733166, BE790899, BE513857, BF974994, AU143085, BE296428, BF037558, BF972271, BE562328, BE733956, BE397680, BF568100, BE548679, BF969945, BE898349, BE541044, BE386114, BE732240, BE264178, BG255263, BF308361, AL246046, BE269817, BE257703, AA928500, BE251347, BE787474, AV714041, BG119567, BG030821, BE884879, BE386634, BF308115, BE268046, BE267345, BE539029, BG258880, BE792587, BE255191, BF305594, BE560772, AA402325, AI003495, BE902573, BE295292, BE270267, BE536427, BE384555, BE397681, BG027207, AW733034, AW410847, AW950871, AI859597, BE182609, BE514319, BE182688, BE267828, BF797623, BF305378, BE562077, BF316656, BE275737, BE270325, BG027977, BE252374, BE294306, BE390156, BE389542, BE257279, BF791831, BF309261, BE280388, BE513455, BF313867, BE269096, AW079058, BE263474, BE384067, AV733594, BE895782, BE279042, AW369617, AW733050, AW473344, BF125667, AW169145, BE260112, AU126285, BE894716, AW276653, AA074628, BE277505, AL597736, BG256576, AW247190, BG121290, BF303833, BG249325, BE622224, BF312323, BE252020, BE539532, BE886264, BE256126, BF206827, BF692334, BE268057, AI859592, AA187762, BE279598, BE542589, BE265697, BE798811, BG180827, AA595282, AA081122, BE388284, BE537314, AI888202, BE901326, BE256075, BE387931, BE294099, AI672924, BF315163, BF695645, BE398080, BF983598, BF128665, BE394973, BF838286, BE206986, BE295035, AW247314, BE312949, BE542939, BE301402, AA736416, BE622625, AA402733, AA479876, BF125389, AL038991, AA147791, BE743553, AA075926, AW959817, BE567356, AA191539, AW008725, BE791264, BE259660, AI689394, BE933968, AA588318, AW238920, AA308544, BF209071, BE304572, AA189167, BG255226, AA479766, BG179204, AW247110, AA903041, AI241523, BF238540, AW406842, AA306580, AA155786, AU151057, BG249268, AW733038, BE208529, AU128829, AU159673, AW169059, AA583794, AI475144, AA081167, BE386908, AA488332, AA724742, BE297085, BF033617, BE798264, BE267981, BE149825, AI673444, NS2020, AI298290, AA983274, W28391, BF209617, BF840705, AW138544, AA443586, AW966061, BF058848, AW581061, BE263571, C06415, U59435, AR035973, U87954,

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HMSOH12	594	102354 5	1 - 1560	15 - 1574	AL533942, AL517106, AL519158, BF969343, AU123953, BE274430, AL079359, AL516731, AU119388, AU137581, BG260794, BE729363, AU126169, BF968356, AI613467, BE891343, BE856952, AI300483, AV758159, AW193927, BG253821, BE561707, BF685254, BF025714, BF204435, BE535183, AW189984, BE615514, AW411390, AA843807, BG110117, AW130632, BF686761, BE251866, BG106071, BE866866, AI922394, BG109089, BG259964, AI201699, BE390849, BE879520, BE397528, AW511981, AI963633, BE856814, AI423945, BG031061, BE514238, BG254463, AW245885, BF797060, BE618666, BF240199, BE270714, BF237622, BE391206, BG251685, BG231965, BE735492, BF576343, BE543072, AW245627, BE874828, AI949356, AA528085, BG058617, BE542855, AA922069, BG058783, AW675410, AI676057, BE563941, BG110677, BE963465, AA586624, AW081836, BE258732, BE737235, AA578813, AW304104, AI687719, AA205408, AV693973, AA599128, AI829317, AW249959, BG167562, BF793110, BF312730, BG171677, BE537970, AA863168, W58256, AI332541, AW411391, BG179859, BE869765, BE391483, AA962825, AA192343, AA563661, AI610728, BE256347, BG149625, AA583073, W38880, BE788717, AI128002, AA862353, BF034961, AU157285, BE270231, BF126612, AI077779, BE265418, AA129387, BE408325, AU145745, AI094998, AI951183, AA868941, AI089484, AW591545, BF684418, BE397990, AW768554, BE729211, BF241282, BE866301, BE263533, BE392663, AW104917, BE793386, BF338208, BE270930, AW970516, BE794328, AI159843, AI361579, AA970295, W58431, AW078838, AI352387, BE222412, AA977387, AI922344, AW246226, AI359386, AI539440, AW007996, AA232540, AW950483, AI361670, BF970307, AI120366, AI300132, AL514702, AW009776, AI185747, AA282066, AA099319, AI939298, AI284003, AI809064, W69208, AI538039,

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HOPJG50	595	102358 4	1 - 999	15 - 1013	<p>AI818136, BE254699, BE394136, AI248736, AA128015, AA128058, BE740292, BE394007, AV715517, AA181138, AA946918, BE386219, BE384197, BF115774, AA505384, AI342431, BF663605, AA421550, BE383454, BE856060, BF238135, AW327294, BF975044, BG109613, BF306933, BF971761, BF796461, BF976338, F31091, BF205908, BG059331, BF594887, AW630281, BG031772, BG059327, AV703551, AA528669, AV758129, BF965194, BE901363, AA420717, F31092, BG059237, AA622408, AA482925, AA417254, AA635583, W68664, AA651658, AA314600, AW957853, AW957776, AA825612, BE254347, AA316648, W52650, AI348852, AA991834, AA505394, AI879569, AV758078, AA187998, AA186606, BE378595, BF664191, BG167921, BF792168, AA862109, AW772715, AA314556, N90275, BF204194, BE542238, BE565986, BE733273, BF664460, BF984965, AA307087, AA187537, BG110426, BG059284, BG059404, AA640483, W81029, BF691633, W96306, AA808869, BF973784, AA653801, AV757649, AV758634, BG111334, BF974782, F32467, AV757915, BF975405, BF217288, AA775298, BF203200, BE910168, BG027738, BG171050, N78682, AA420763, AA469168, AA314013, BF033360, BE733420, AA187128, AI879186, BG033224, AA579430, BF664216, BE254952, AA654628, AA506547, F33074, BE382775, W45176, AV759520, AI735276, AA225075, AW082068, AA484856, BE393379, BE408834, AW512614, AA737195, AA838376, AI185905, BE972548, AA155975, AA147815, AI090379, AV716040, AA534263, AW440264, AI185191, AI830011, BE382375, BE563028, BF128567, AW651774, AI336250, AA541346, AI193986, AI004885, BE718987, AI598223, BE256235, AA469285, AI817453, F25989, BE876006, AW328419, AW276969, AA643777, AI735264, AV761604, AI718714, AA157591, AA960763, AV755428, AW328418, AA524595, BF971668, BE386711, F28423, BF182680, AW006688, AI140252, AI131544, AA528681, AA844667, AI193088, BE729049, BE745551, C14506, AA315116, AA181285, AI718105, AA659113, AA483568, F30622,</p>



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HDUAB04	596	102358 5	1 - 448	15 - 462	<p>BE383454, AV758129, BG031772, BF691633, BF975044, BF971761, BG167921, AW327294, BG109613, BE740292, BG110426, AV758078, AV703551, BF238135, BF796461, BG059327, BF306933, BF976338, BF203200, BF663605, BE901363, AW957853, AW957776, BF204194, BG027738, AI348852, F31091, BF965194, BF205908, BE254952, BG059331, BF975405, BE733273, F31092, BF664460, BF217288, AA187998, AW630281, BF664216, AA482925, AI879569, AV757915, W81029, BG171050, AA420717, AA505384, BF594887, BG059237, BG168189, AA314600, BG059404, AA528669, AW328419, AA946918, BF974782, AA825612, BF984965, AA316648, BE972548, BG033224, AA808869, W45176, AW772715, AA651658, AA314556, AV716040, AI735276, AV715517, BE254699, BE394007, BE386219, AA417254, BF128567, AI336250, AI342431, BE384197, AW328418, AA622408, AA181138, W52650, W68664, AA635583, AA991834, AA506547, AA187537, AA128015, BG111334, BE254347, AA640483, W96306, AA524595, AA505394, AV758634, AA186606, BF971668, AW651774, BF247412, BE973930, BG059284, AI879186, AV757649, BE378595, AA862109, BF976593, N90275, BE514672, AA187128, AV759520, AA659642, AA737195, AA307087, AA579430, AA643777, F32467, AA654628, F33074, AW082068, AV712900, AA534263, AA484856, AA653801, AV712234, AA469168, AA420763, AI090379, BE563028, AV761604, AA421550, AA775298, AA469285, AW419243, BE910168, AV755428, AV756384, N78682, AA225075, AA314013, BF033360, BE876006, BF792168, BE386711, C15999, AI735264, BE394136, AA315116, BE382775, AI004885, AI185905, AW512614, BE393379, BE408834, BF663886, AA155975, BF664191, AA541346, AW006688, AA838376, AA507479, AA528681, AA147815, AW440264, BF229948, BE746138, F25989, AI718105, BE382375, AI185191, AI830011, BE379420, AI074436, AI193986, BE729994, AV712506, BG032569, AA483568, BE718987, AA844667, BE256235, F30622, AI598223, AI431978, AA157591, AW340929, BF214496, AI718714, AA147943, AA960763, AI140252, AI131544, AA659113, AA226596, F28423, BE297049, BE729049, BE745551, AI193088, AI749326, C14506,</p>

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HVCAA38	597	102363 2	1 - 1881	15 - 1895	<p>AI188505, BF690148, BF026738, BE788073, BE898975, BE872049, AI435132, BE383746, BF308312, BG258166, BF694124, BE884481, BE408721, BF983315, BG117199, BE867529, BE883599, BG261272, BE547963, BE869321, BE781308, BE273912, BG120340, BE390408, BF701584, BE294796, BE254258, BE781562, BF572434, BE734910, BG166671, AI628151, BG107904, BE542491, BE513760, BF875036, BE899600, BE390388, BF573297, BF800744, AW576708, AW167495, BE737346, BG166882, BE537104, BF891446, BF691926, AI986317, BF032400, AI689319, BF978102, BE547697, BE311874, BF875033, BE251238, BF306345, AW474689, BE067396, AI818366, AA829547, AI890186, AI625627, AW406071, BF030190, AW602388, AI471529, BE729272, AI832672, AI264133, BE315337, AW602377, AI951259, AI453338, BF155219, AW194423, AV699660, AI742460, AI554203, BF735907, AW249669, BF103554, AI908534, BE26725, BF155217, BE841013, AW630280, AI908533, AA845523, BF435454, BE841086, AI890009, BG099267, BF954723, BF057338, BF155213, AI041493, AW963691, BF574098, BF993745, AW749056, AA808803, AW514103, BF241085, BE841074, BF154859, BF993068, AV697408, BF993051, BF687628, BF673244, BF993053, AA535205, AI347034, AW996038, AI802621, AA307884, BF448502, AA160676, BF880126, N78245, BG036223, AI309723, BF818130, AA127400, AA143616, BF993729, AI401183, AI040598, AW001929, BF993069, BE090182, AA325821, AA835782, AI149464, BF433381, AI418509, AA587859, AA471078, AI926581, BE709522, AI745057, AI085482, BF377218, N30249, BF829811, N89709, BF744782, AI285420, AW196928, AA429190, BF744790, AI457742, AA315417, AI083846, AI922030, AA228297, AI927340, AW852051, AI278800, AW007617, AI923978, AA682618, AA812310, AI208833, BF993737, BF842137, AI348213, BE737293, BE709835, W31768, AA932491, AI282881, BE081442, BF878066, N53008, AV710099, AI445220, BF876057, AI804562, BF741906, AW513811, AW874017, AA888890, AV744592, BF746098, AA535214, AA526237, AI735616, AW473285, AA394240, BE294297, BE841103, AW796137, AW796022, BF993736, BF876043, AA541276, AI201802, AW273423, BF800720, AW769141, BE910281, BE044038, BF154866, BE694358, AA467948, AA484779, BF724294, AW377401, AW406805, BE926713, W58457, BF673512, N51721, BF155208,</p>

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HIBC87	598	102383	1 - 1739	15 - 1753	AL043219, AL528050, AW579882, AL528049, BF976767, BF337065, AW088366, AW953211, AA496850, BF525754, AW152013, BE672597, AW243555, BE779803, AI818186, HI1775, AI653697, BE251084, R54236, AU160597, AU150608, BE208597, AA496891, AI871013, AA428540, AA349190, AW249598, BF350791, AI701503, BE502287, T18883, AI202674, AU151739, AU152190, AW732070, AI376266, BE265052, AW139928, AI299710, AI888510, BE206965, AI658535, AW341396, AA912087, BF224111, AA694485, AA432221,

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HPCOM04	599	102400 0	1 - 1342	15 - 1356	<p>             AU137948, BE732925, BF690153, BG110479, AI880007, BG117063, BE737241, AI096638, BF689592, BG031671, BF689927, BF981348, BE789262, AA650580, AI937557, AI375969, BE311932, BE732718, BE875564, BE796717, BG249034, AW993276, AI935882, AI827325, BF195642, AU138244, BF978329, BE901225, BF724224, BF663157, AU138853, BG167961, BF983160, AI565049, BF675056, BE735148, BE208441, AW007269, AW474581, AI811416, AW512490, BE537152, AI394457, BE908038, BE390978, AV714928, AI815707, BF035422, BF690746, AI872419, BE564792, AW261937, AW249280, AI954589, BE328621, AA167716, AI986422, AI610874, AI690554, AW027298, AA482429, AI859711, BE617557, BE268777, BF666984, BF316279, AI192096, AI125655, BE268146, BE5666350, AA604148, AW872854, AA482577, AW731873, BF976473, BF976779, BE266210, BF969151, BF977031, BF037315, BE884588, AI445958, AI241239, BF217023, BF690500, AI205151, AW890146, BF968322, AA430465, BG249419, AI452854, BF211136, AI244306, BF036610, BE276002, AW406069, N37040, BE833837, AI313126, BF978341, AI984578, N25097, BE075030, AA209261, AA577325, BE617037, AW129083, BE294126, BE385487, AW248858, AI423388, BE901011, AI631249, AA825989, AI346456, AI754793, N34759, AW951724, AA721967, AA025017, AA167690, AA186691, BF572132, AI033032, AI199653, AA410785, AW628434, AW961228, AA223182, AW383561, AW130110, AA993544, AI434241, AA315661, AI148604, BF8522967, AI146930, AW264131, AA402640, AW804839, AI581297, BF572484, BF214530, N44487, AW406480, AI929835, AA729986, N54517, BE294000, AA651890, AI929680, AA743236, AI200938, AI189043, AA630021, AI370316, AI344449, AI096592, BE266835, AU123048, W79435, AW238534, AA657984, AA916902, BF944514, AA223181, AA814339, AA908742, AA326149, AA402678, AV735139, AA676363, AA903484, N74250, AI028429, BF972395, AW028466, AI310990, AA210855, AI922260, AI042267, AW803870, AU157781, W01225, AA316640, AA281248, AI076387, AI816978, AA91151, BE122790, AI952588, H82713, BF733507, AW605416, AA969774, AA417613, BF851576, AA160587, BE383560, N26274, AA047620, W88589, N26413, AI871982, AA281282, N33470, AA047631, BE714780, AA747812, F06434, AA435943, AA706103, BE185399, AA223080, AI004905, R20216, H23883, F02720, W35102, AA308893, H83581, AU157386, BE710321, BF081680, AA308293, AV750796, AA312134, N76220, BF445687, N94006, AA380998, BF088514, BF055957,           </p>

					C14126, AA326148, BF088513, F31166, F07549, AA419619, AW794588, BF958887, AW407103, H23779, BF378274, F37037, R11089, H46474, H80744, AA324971, AA769640, X76228, X71491, AC007666, J03244, AC000052, U13841, AC006447, AC006404, AC004019, AC008639, AC006285, AC005745, T39773, T92743, T92823, R11039, R26845, R27074, R28563, R30929, R30968, R43304, R43304, H80745, H92254, H92591, H96836, H99581, H99582, N33930, N57383, W20369, W39348, W57566, W79336, W88588, AA025016, AA03051, AA063125, AA179265, AA182704, AA186690, AA235400, AA470721, AA480327, AA534792, AA534812, AA662433, AA738338, AA873381, L48829, AA722508, Z21590, D19690, F01892, F02081, F05631, F05834, F03787, F04732, F07642, F08517, AI363770, AI625707, AI217553, AI590006, AI818932, AI865372, AI869423, AW025618, and AW467872.
HUCPU06	600	102406 9	1 - 595	15 - 609	AL522138, AI817797, BF591323, AI559256, BF056383, AW974310, W72957, AA811503, AA760845, AI089886, AI674666, BF434883, AI312117, AI671353, AI419476, AA812245, T48877, AW169965, BF112033, AI580681, AA721145, AI811882, AA765055, AA732428, AI864632, AW002193, AI424549, BE932108, BE932117, AA383587, BF589530, AW129622, T48878, W68575, AI401136, AW235778, AF083110, AL441883, and AK000355.
HPAME01	601	102433 2	1 - 1440	15 - 1454	AL040438, BE262712, AU123643, BE798924, AU143022, BG164610, BE787475, BE735652, BG254114, BF315064, BE548296, BG025483, AW043583, BF037500, AU148999, AW517244, AI017434, AI768112, AW965752, AA047010, BG057666, BE326718, BE840788, AI765202, AU152678, AA046839, BE886667, BE799653, BE873222, AI123786, BE206421, AI568134, W87554, AW007334, AW168272, W87458, AA039966, AI057398, AA649997, AI563942, AA039881, AW615376, AI702051, AI632460, R60577, AI382155, BG056987, BE884461, BF036417, W76508, AW102774, AI805104, T17221, AI582553, AI280130, AI521797, AI146735, BG055800, Z45024, AA029772, W71994, BE888112, H10997, R60630, R71392, AW590867, H06328, AW405412, T79990, AA865941, BE797440, H26530, H06281, AA310656, R72562, R46835, BE466122, R25837, BE671795, AW590690, BF059221, R53484, AI417500, BF437704, AA069571, BE463599, AA776517, AA069563, AW090661, AW771994, AI784405, R16372, AI078071, AA705373, AI245359, BE617310, AI624303, AA029771, AA379004, R32657, AI983105, Z40755, BE962199, BE729964, BG027348, AA057673, AA524160, R42317, AW105627, AI813991, BE617799, R53485, BF514051, AU125314, AI475001, BE562858, AA359216, AK025491, AL031447, AK001599, AF052158, AL109978, and AF086370.
HTTJS76	602	102447 2	1 - 3008	15 - 3022	AU118623, AL523820, AL520683, AL520684, AU123813, AU132757, BG261175, AU136445, BF035325, BE886876, BF791811, AU140005, BF577027, AI770169, AA534741, AI031962, AW264176, AI633666, AW960637, AU154227, AI400200, BF248362, BE543836, AU145138, AI128021, AA418100, BF337497, BF445849, AA418003, W92114, AV727247, BG169934, AI601276, AI271884, AW958009, AA603027, BF735235, AI128480, AI352141, AA989285,

HCORI57	603	102455 6	1 - 1699	15 - 1713	<p>N33438, AA758632, AI719696, AA626711, AW169051, AI367058, AI807645, AA025147, AI683459, AI418307, N27453, BE709892, AI801307, W73531, AI473939, AI393527, N27526, AI086555, BE044047, H98611, N40343, AI653277, AU156726, AI267316, AI800443, AI440207, N23059, N24304, AI149146, AA639478, AI673797, AI241204, AA169836, AA927390, N70474, AA437065, AV645472, AI037903, AI620950, BG170200, AI025766, AW105671, AI037991, AI355861, AI816981, W92034, AI033936, AI537160, N36939, R59331, N34742, BE467926, AA234708, AV728508, N42636, N49175, R59330, AI351986, N34978, AA513140, AA169656, BE090132, AA423958, N41497, AI299478, AI023063, AA910291, AI264740, M78546, N62321, AA911195, N30733, BF088943, AA336071, AA025130, R67869, T87946, AI267563, H04320, N71038, W73254, Z38548, H22037, H22114, AI215549, R21186, AW384814, H63943, N28724, R35013, D62528, AA644251, AA384985, Z41971, N42412, AW440041, H63664, R22804, D79857, H98733, AA515858, AA234777, Z42315, F01492, W01936, AI079112, R49401, N50229, BF433427, N41346, BF215260, H89141, BF348319, R82508, T30380, AA025146, H04362, D81424, AA558318, BE566281, R82564, AV693130, AV683210, AI203430, BE782752, BE565731, AA025129, AA047023, BF816685, AA669655, AC006333, AK023554, D88460, E15468, D67066, E15749, D88461, and E15469.</p> <p>AL518234, AL517420, AL518235, AL517421, AU119983, BE798338, BG112454, AV707371, BG260531, AU127995, AI189917, AI921102, BF978880, BF669190, AI884858, BF027153, AW338093, BE466119, AW953727, BF979160, AU139989, BF978466, BE783488, AI183437, AI954430, BF791557, BF978243, BF025817, AW261922, BF978088, BF107349, BE075024, BE778589, AI680398, BF673817, BF978523, BF978407, BF701537, BE566570, AI768673, AI201541, BG163251, AW304397, AW183634, BF571803, AL038118, AW130034, BG170433, BE175735, BF515534, BG004699, AU150344, AI183432, BF732458, BE785549, AI792331, AI689697, BF691267, BF691829, AI792274, AU129140, BF977366, BF793882, AI743234, AA209379, BF667452, BF691937, AU134136, BF692573, BE350861, BF509852, AV731487, AW993769, BF515273, W58689, BF675402, AW338336, AI091201, BE565598, BF940666, AI435388, AI564223, AA136469, AW022986, AW951400, BF382040, AW044585, AI334655, BF977189, AI087941, W16647, BE440085, BF978269, AI954779, AW439739, BF977224, C17665, BF691699, AW589843, BF086829, AI962856, AW993713, BE813383, AA635975, T41075, N67348, AA669436, BF205542, BE840232, T40208, N55699, C01780, AW969659, W58688, BF691679, H13469, AA501438, AW627340, N88289, BG163724, AI753097, BF204709, BE827968, N88012, BE819566, BF957218, D59346, C04830, N99580, BF990912, R58442, BE009393, N66008, AI963279, AW088858, BF990569, BF691146, AA129069, AA371029, H13424, AI671008, AW000997, BG004453, N56423, BF977622, BF570803, AW270948, BF925478, AW235351, BF571561, AA095713, AA247163, BF573202, BF977815, BF572251, AA936152, BF057702, BF752392, BE930777, BF570501, AW135218, U42349, AC010656, U42360, U42350, AF028729, U42351, U42353, U42354, U42352,</p>
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HNORG50	604	102462 4	1 - 1157	15 - 1171	U42355, U42358, U42357, and U42356. BE744178, BE274321, BE313106, BE383671, BE563514, BE729652, BE740352, BG033978, BG248360, BG032741, BE740670, AU143525, BE561127, BF797790, BG030442, BE561020, BE730835, BE906091, BE906073, BG171111, AU137074, BE906894, BF976287, BE614779, BE873114, BE621312, BE410930, BE729750, BE383811, BG121217, BE274828, BE878559, BE736250, BE736253, AU118656, BE873184, BE740478, BE729020, BE870278, BE886605, BG259525, BF568720, BF182843, BG030735, BE743905, BE384736, BE744974, BE785383, BE736709, BE315359, BE559615, BF036929, BE867220, BG107350, BE908625, BE409723, BE616118, BE531092, BE736597, AW327703, BE729333, BE278823, BE389962, BG252505, BF689530, BE616384, BE262915, BE410691, BE389939, BE890286, BF238327, BE616723, BE788260, BF038061, BG029891, BE744117, BE384805, BE908785, BE870545, BE277841, AU133699, BE515026, BE886386, BE409396, BE273765, BF212230, BE276648, BE389919, BF974204, BE383570, BE615887, BG033105, BE560756, AW250667, BF797079, BE539212, BE513613, BE391831, BF128555, BE389726, BE871397, BG104348, BE890991, BE732264, BF038422, BE728661, BG253908, BE314739, BE897804, AW608540, BE281596, BE274230, BE743548, BE278548, BF883034, BE736466, AA09088, AA847772, BE281113, AW608542, BE897803, BE743161, BF691722, BG031727, BE385355, BF568586, AW327257, BF883038, BE387506, BG029429, AW391940, BE786826, AA306535, AA313239, BE730161, BE398090, AA313598, BF883032, BF027492, BG025488, BE388937, BF883042, BE531290, BF026410, AI348645, BE727300, BG169283, BF132799, BE904932, AW250243, AW328045, BF026525, BF690448, BE730155, BF664368, BE733678, BF883031, AW370711, BE389451, BE389183, AW631424, BE410538, BE868184, AA164730, BE278733, AI858094, AA115777, AA143640, BE018203, H59967, BE892674, AA113994, AA188178, AA806221, H04516, AW379616, AA188179, AA159238, AA086017, BE742544, BE894182, BE392495, R89275, AA045772, BG163664, BE385835, AA150609, AA099971, BG168643, AI797883, BF976737, AA113833, AV695868, AI768321, R55212, AA160851, BG181134, AW753475, AW407155, H69905, AA156208, AA356777, BF916225, AA326070, R34654, BF378574, AW844925, AA160718, AI912606, BF374376, BF027187, AA150559, BF755368, AW861420, BE646387, AI401625, T74087, AF006084, AY007111, AF162768, AF083269, AC004922, AA031433, AA055673, AA055572, AA076544, AA158635, AA156347, D30865, and F08420. AI880659, AW188624, BF237771, BF667977, BE896709, BF130990, AI148106, AI991245, AI735002, AI703215, AI688209, AA628531, BE888689, AI813679, AV717668, BE277177, AV760867, W44688, AV762734, BE277509, AW955488, AV761533, BF026034, AV710618, BF971381, BF306800, AW958877, AA190982, AI612840, AV755769, AV756558, BF340078, AV762499, AW975063, BF971602, AA099703, AV701025, AI218297, BF114896, BF527622, BE257844, AV763969, BG059296, AV762924, AW156893, AI929203, AI929416, W70100, AI937913, AI879643, AW162217, AW157724, BE907116, AW157680, BE208057, AI080578,
HWLVR07	605	102491 5	1 - 830	15 - 844	




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HOPKF60	606	102504 7	1 - 1153	15 - 1167	<p>AL522806, AL530716, AL524869, AL514554, AL522807, AL528660, BE744476, AL524868, BE795215, AL530715, AL523498, BE746558, BE515281, BE732657, BF026691, BE562270, BE794244, BE614715, BE796153, AL528995, BF342150, BE562318, BE795209, BE799700, BE792917, BE619480, BF312162, BE271742, BE793871, BE561217, BE797758, BF347395, BE729940, AL528659, BE792758, BE791304, BE737213, BG120307, BE619803, BF317146, BF338124, AW170427, BE797844, BE889282, BF975387, AI085365, BG250716, BE901025, BG025112, BE873025, BE615263, BG034888, BE792059, BG254776, BE546203, BE559492, BG032030, BE743855, BF036116, BE793590, BF686394, BG122718, BE902113, BG034948, BE781511, BF127707, BF526475, BE512980, BG120775, BF311006, BE731573, BE619277, BE270019, BF684500, AI680336, BE745659, BE743493, BF115664, BE280108, BG165341, BE280395, BF973317, BG178740, BE514708, AW170278, BE879370, AW163631, AA843221, BG030875, BE732891, BF975820, BE732780, BE883748, BF697912, BE295042, AW157317, BE903040, BE386716, BE272986, BE791688, BE875650, BE260624, BE794044, AW163373, BE561670, BE272733, BE396802, BF316171, BF317100, BG106562, BE883648, AA824336, BE256051, BE269078, AI192786, BF341436, AL528994, BE902919, BE260595, BG118678, BE788586, BE270049, BE302709, AW732756, BE619890, AA523285, AW246027, BE385288, BE396967, AA933089, BE674906, BE408276, BE408481, AW673443, BE268753, BE314775, BF308951, AI591067, AA779812, AA285564, AI073973, BE397633, BE383129, BG236109, BG167939, AI027987, BF692078, BF345293, AA512937, BE267414, AI992135, AI357176,</p>

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HBDAD74	607	102510 2	1 - 1398	15 - 1412	<p>BE736801, BF969590, BF106136, AA625524, AU121352, BE897109, AA043108, AU145998, BF033072, AI936576, BF376388, AI801002, AU147185, BF439149, BG055473, AW269599, AW611722, AW952922, AW301615, BF197125, AI459912, AA926686, AW467409, BE077028, AA838345, AI093893, AA278828, AI659015, BF376386, AA838242, AW058479, AA487243, AA809385, BF091565, T03425, AV648362, D52837, AL043290, AA609681, AI250181, AA811075, AA772712, AW771863, AW090763, AU117211, AA731830, AA922247, F08952, T32447, H83659, AA731456, AA836501, Z30140, AA278826, D56794, AA099843, D57988, T99109, BF969193, N43955, BE220184, AI298948, BE784156, BF576720, D57308, T86662, AW341298, AA962369, AW935658, AA508234, AW402414, AB014566, and AK021890.</p>
HPCTY12	608	102523 1	1 - 1832	15 - 1846	<p>BE793649, BF971197, BE795708, BE263381, BE746308, BG110568, BE389356, BE797452, BE745259, BG257094, AW136364, BE294558, BE466733, BE514731, AW512259, AI333322, AA809127, BE300827, BF131512, BG258996, AW167047, AI283089, W87879, AW675811, AW418601, AU149253, AI802251, AI885862, AW181883, AW769136, AI969152, AW672754, AI825472, AI494276, AW379444, AW189438, AA115381, AI278255, BE768392, AA115380, AU125640, AW839959, AW058036, BF109114, BE535699, AW275265, AW731809, AI559688, AI283087, AI002252, BF031735, BE208171, AA679712, AW089758, AI696514, BE794062, AA853283, BE791318, AA853284, BF754628, T16124, BE074565, AI446312, BF361357, AI468188, BE464592, AW888974, AW373076, AI417732, AW386230, AW134955, AW386248, BF091908, AW373100, AW386251, BE514198, BE208475, AW372712, AW386250, AW386279, BF927794, AW372691, AW372725, BE314800, BE170974,</p>

HFASF12	609	102532 7	1 - 580	15 - 594	<p>AW840009, BF361354, AW386246, AW793239, AW277013, AW386226, AW151342, AW382754, AW749244, AW383334, AI887884, AW372690, AW793182, AW383548, AW383633, BF310492, BF081796, AW372727, AW372711, AW386261, BE265596, BE397479, BF525638, BF664199, AF098162, AK022702, AK000721, and AB015597.</p> <p>W74437, W44568, AA902397, AV707142, AI718987, AW006030, AW069861, AI937375, BF195175, AI376862, AI129529, AI140429, AI360987, W94766, AI080273, AI143504, W95201, AI313416, AA992722, AI042534, AA617676, W79083, AI613484, AI015213, AI368370, AA534987, AI721088, AI468012, AI077643, N77202, AA688329, AA551878, AI589098, W44607, AA447654, AA932704, AI640396, AI810026, H94600, AI370686, N55012, BF792740, AA428210, AA361190, AA909835, C01634, AA888991, AA584756, AV762430, AY656063, AI039089, R29258, AV762454, AI753113, BF589770, Z85986, AC006064, AC005102, Z83840, AC002504, AC011479, AL031681, AC012384, AC004834, AC008569, AC006511, AL035249, AP000031, AC008267, AP002085, AF238380, AC002425, AC004867, AP001711, AL035685, Z95115, AL161936, Z97985, AC009731, AL035407, AC004878, AC020904, AP000350, AC005098, AL096701, AC005156, AP000008, AC008044, AL022316, AC004166, AC007021, AC005488, AC022392, AC005089, AF006752, AC016543, AC009123, AC005332, AC008585, AC007425, AF001549, AC003962, AC004966, AC005072, AC004965, AC005015, AC004099, AC004906, AC012076, AC005071, AC011475, AL159977, AL163285, AC004216, AC005399, AL137012, AC018764, AL132653, AF190464, AC010271, AC008745, AC006080, AC004663, AL035086, AP001748, AC004826, AC004971, Z84466, AC005081, AC008474, AC011895, AC003010, AC005921, AC005581, U91326, AL121754, AC022517, Z95114, AC008155, AC002059, AP001435, AL138759, AF001548, AC011491, AC024239, AC006449, AP001753, U95742, AC002404, AL136137, AC002351, AC006241, Y10196, AC005815, AJ003147, AC007868, AC005288, AC006077, AC007182, AC073316, AC007957, AC007664, AC002477, AC007216, AC010618, AL109613, AC005952, AC005486, AL024474, AP000704, AC008750, AL031848, X54486, AC005103, AC005876, AL049843, AC011248, AL136097, AL034380, AF196972, AC002996, AC007956, AF047825, AL109935, AC005158, AC016830, AL162615, AP001631, AL162578, AC002302, Z95116, AP001727, AC004876, AC004859, Z95152, AL033524, AC005666, AL139352, AC002550, AC002565, AC004638, AC007597, AC000082, AL078581, AL121891, AC005971, AC006530, AC002544, AL049760, AC008784, AP000556, AP000557, AL049830, AC009363, AC004020, AC011495, AC004987, AP000552, AL109824, AC005323, AC011469, AC004703, AC006948, AL033376, AL033529, AF001550, AP001712, AP001725, AL442166, AC007684, AC002126, AC020906, AA946863, AI338775, and AW193385.</p> <p>BG250974, BG029102, BE277201, BE728640, BG254554, BG024609, BE410373, BE392289, AI149096, BE409096, BF031284, AW963265, AW073167, BF316784, BF668400, BE747510, AW955218, BE276878, BE256069, AA446733, BG180464, AW163381, AW160356,</p>
HLIBM71	610	102535 9	1 - 894	15 - 908	

HNOKW27	611	102536 6	1 - 1957	15 - 1971	BE868544, BE788936, AI802417, AI597689, AI590638, AI498875, AV702493, AW088684, AA643746, AA446604, N40491, AI217779, AW952371, AA766884, AA324703, AI147433, AW082218, F29109, AI083941, AV706095, T55920, AA057187, AA057122, H30443, H79098, AA804336, N29950, AA852754, T54472, AA852753, BE162155, AI474387, T24500, BE162159, T54424, AW806448, AW810576, AA552761, BF525391, BF963561, T59739, AA305172, AA836475, AW967135, AA339266, BF091317, AA233545, AA371850, BG028806, AA094599, AF110776, AL390135, AB037752, and Z79942.
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HPFDG48	612	102552 6	1 - 711	15 - 725	AI005650, AW193649, T86155, R91705, R94928, T86262, R92142, T78635, BG059124, BG059311, T79120, BG105372, BE903730, F32795, AI086235, AI304866, AI094698, AA894578, AI268640, AI081163, BE856894, AI380568, R12395, BG031198, AI708047, AI358636, AI216820, AI142089, AI684336, AA804193, AA552494, AA687862, AA507473, AA879115, AA279014, AA513429, AI571415, AA918417, AI971055, AI051704, AI937021, AA099438, AI494389, AI493513, AA948053, AA581118, AI184757, AA100071, BE731794, AI879919, AI085722, AI536966, AI591039, BF124917, AI830888, AI334931, AW008928, BE274775, BE902881, BF125296, BE281210, AA595467, BE392986, R71239, BE268783, R96465, F37009, BF818912, AA401736, AA857524, AA654076, AI620153, F21367, AA292902, AF004164, AA316678, BF845471, BE694933, BF433106, AW166722, AI866691, AI859464, BE047798, AI554343, AI521799, AI589947, AA713511, AW082623, BG110241, AI918554, AW151979, AW006947, AI889379, AI049669, AV750565, AL042191, AW163834, BF791871, AI345415, AA580663, AI690813, AW194014, BF814360, AI690948, AI866465, AI560227, AA713851, AI623941, AI801325, BE965064, BE536058, AW083804, AI623648, AW263569, BE393551, AI499986, AW055252, AW263804, AI627714, AI688854, AA761557, BE883591, W48671, AI241763, AI500523, AW088605, AI433611, AW025279, BF925370, AI491710, AI859644, AI658566, BE879772, AI023513, AI860027, AI648699, AI285439, AA999906, AI919600, AI334893, AI699020, AA479803, BF339548, AI471429, AI636507, AI475270, AI582932, AI305157, N99092, AW169784, AW827211, BG168185, AA776730, BE964497, AI445505, AI440422, AI680504, AI313032, AW021373, AA693444, AA514684, BE875959, AW081343, AI872472, AI872489, AI887381, AA761608, AA827630, AV721917, AV732941, AI310332, AI784214, BG029058, AI818565, AI868931, AI037602, AW084233,

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HE8UF88	614	102574	1 - 4193	15 - 4207		AL534710, AU117757, AU143487, AL515110, AU130408, AU125089, AU130746, AL514816,

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HOUBC29	615	102574 9	1 - 1963	15 - 1977	AW207758. AU118172, BF967577, BF038471, BF968076, AU138985, BG113380, AU138636, BF338853, AW960925, AW157343, AI816176, AI889635, BF445019, BE885689, AI744136, BF530122, BG119237, AI248444, BE878221, AU144812, AU158062, AI683874, BG116835, AI624450, BF338214, BE440173, BF797316, AW571810, AI475782, AU154834, AL042082, AI337858, BE219128, BE504350, AL038070, BF941596, AW880707, AW895457, BE884623, AA890251, AA909027, AI694588, AI832942, N21039, N30357, AI688336, AV713158, AW183735, AA994557, R60676, AI215709, BF694348, AI368355, N49119, W61023, AA021094, AI341477, AI375389, AA149772, AI139500, AI469287, AI418482, AI139493, AA252343, AA42004, AI189492, AV708972, AI186463, BF666194, AA114019, W73563, AI189609, AA400647, AA452678, AA441890, AA878305, AA229909, AA400515, AA834790, AA551777, AI342367, W90102, AI208355, H16004, AI290964, BG152906, AI493917, AI473345, N23980, H83633, AA113275, BE819383, R60677, W73582, W05265, F06473, H12980, T76940, BE300594, T59283, AA506611, AA813908, AA670481, AI500602, AI143512, BF931271, AW264653, AA021320, R68662, W38603, H09094, H87329, AA282469, H88423, AU133567, T80361, AA064936, AA877769, N24434, BE819360, AI248104, N48343, BE835858, T28639, R43036, AA128137, BF247027, R68715, AW514781, AA657948, BE169600, T30770, AA096405, Z40629, H27397, AA173769, F13108, T53787, R00195, R51095, AA331035, R49652, AA031446, AA015847, AA229908, R28135, BF058318, AI573285, AA883266, N59669, W24713, BE219461, AA713945, AW614903, AI075309, AI351426, H96991, AW976049, AA357134, AA341642, T59242, AI677663, Z39404, AA569551, AA173032, AA761669, AI922961, T82415, AW089199, BE814748, R26623, H87272, T82414, R71195, BF108669, AW575455, F05819, C14207, AA758777, F07580, N89983, AW517345, AA342861, BF087958, AI814443, BF087985, R54248, W21574, AI245041, N93570, AI566891, AA826567, R58569, BF576994, BF439053, F02065, AI369939, T16696, BF366429, R68143, BF965149, AI127655, Z20130, AI022549, AV655855, AV748498, AW998960, AW998961, BE958440, AA282487, AA279122, AI613526, AU128647, T31249, AA541568, AA845154, R28409, Z42873, W60890, AA551793, AA653685, N47033, H09443, AV748475, BE883498, AI079371, F04491, AA992899, R17832, N59680, R35527, AI381888, AI950644, BF131830, AA961704, AA659659, AI540158, BE172103, AI128248, AI393633, AA279241, AA772575, AU139525, AA252322, AI139343, AA782509, BE161280, AI346311, AF070629, AL137321, E02340, X95403, M28213, E02339, M35521, X68071, M86821, J02999, S48723, T61443, R38819, H97101, N20625, AA627334, AA657628, and AI242536.
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HOVKE20	617	102599 0	1 - 2538	15 - 2552	AL530585, AL530586, BE905291, BG250173, AV704437, BE273888, AI742702, AI332375, AW965981, BE733696, BE279265, AI653228, AI823770, AI744071, AA421552, BG165821, BF850738, AI935219, AI089481, AW025353, AI860928, AW024596, N32892, AI803496, N75101, BE207042, AA552990, AI082854, AW675170, AW262745, AW732799, AI128345, AW615487, BF593160, AW467397, AV704688, BG150549, AI089227, AA227791, N52331,

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HODGH47	618	102613 9	1 - 2096	15 - 2110	AV714319, BE245435, BF085080, BE883963, BE315412, T67179, BE731249, BE732012, AW501306, BE077539, AC007041, AF315591, and AF315590.
HODBK27	619	102637 2	1 - 871	15 - 885	AI949324, AI741823, AI936022, AI521629, AI831928, AI972082, AI653975, AI814061, AA910962, AI811709, AW025174, AW806878, AV701632, AA731734, AI862610, AA873562, AA195939, AA421230, AA187668, AW572118, BE350701, AI979136, AA846807, AA034130, AI025114, BE464579, AA947329, AV716043, AA700178, AA039676, AW590977, AI004713, AI889534, AA173931, AI817532, AW130669, AA554142, AA025463, AI753419, W76541, AA947549, AI811560, AI620263, AA009979, AA923500, AA731843, BG179192, AA482908, AA723321, AW023989, AA009980, AA056428, N79453, BE540962, W74316, AI630489, N22616, AA313112, AA968641, AI362535, AW391946, AV703316, AW389675, AA508074, BF197789, AA923028, AI262937, AW515512, AI347796, AW386921, AW392064, BE326822, BE162244, AI440446, BE162241, AV756239, AW392091, AW675605, AA477452, AW601973, BF216423, AW006885, F03610, AA477578, AW043887, AW866509, AA334983, R38720, AI865307, AI689187, AA313113, AW803685, AW271368, AI203830, AA505748, N63156, N28919, AI038034, AA025462, AW392164, AI370254, AW002736, AW392182, BF890740, AW083663, DI2030, AA370115, AI745442, AA311321, N23815, AI289078, AI074527, BF673031, AA022500, AA074248, BE882680, BE783374, AI082722, BF985227, BG112403, BE825572, BE765224, BE766662, AA026883, BE708355, BE185094, AA421229, BE939600, BE764981, BG055150, AA730850, N63214, AI869433, AA262825, AW024035, AI074531, BF672955, AW362308, AI814134, AW948438, AW362258, BF571408, AA279008, AW373179, T82703, BF754687, W79250, AI174532, BF357809, C15105, AW960469, AW958927, R29652, AF070540, AF054284, AL137410, AF130099, AX013757, and AR018138.
HE8CH59	620	102680 5	1 - 3000	15 - 3014	AL521879, AL528488, AL528519, AL533556, BE277263, AL521249, BF969645, BE796292, BF339523, AV688166, BE384607, BE793205, BE799022, BF341655, BE792421, BE793076, BE179035, AU120222, BF686701, BF343123, AI912668, BF516065, BE255283, BF514039,

HSKGR52	621	102691 1	1 - 943	15 - 957	<p>AW369765, BF125290, BG109686, AL521880, AW749444, AW890360, AW027308, AI744735, AA843214, BF086451, BE266357, BF686773, AI077454, BE143941, AI743608, AW304450, BF339027, AW513087, AA621718, AW386240, BF983934, BE383983, BE018266, AU146348, BE384664, BE254123, AW129550, AW449867, AA143197, AW837830, AA613804, AW050490, AI695078, AI694936, AA774860, BE138732, AI334115, AI049518, BE179217, BF768970, AW780317, AI858366, AI858321, BF768780, BG014718, AW162941, BF568296, BF768915, AW898149, AI810340, AA143213, BE049621, AA84689, N29757, AV684691, AW373527, BF878173, BE179220, BE179215, BF768957, BF836601, BE164521, AW193381, H24669, AA730774, AW001661, BF224277, BF768983, AA317465, AI983366, BE263438, AW386262, AA055927, BF923565, AI185430, BE696846, AI679113, T91335, AW371788, AI351908, AI866147, AI679689, BF882409, W95695, BE142633, AW813330, H24668, AA352322, BE171435, BE171438, C21369, AW386257, AI241828, BF931704, AA055330, AI570098, BF768985, BF768912, BF769720, BF375783, AW935622, BF923553, BF094092, BF923560, AI827249, BE503767, BF992146, AW196478, BF826553, BF344463, AW821082, BF928669, BF896163, BE173354, BE154169, BF769705, Z69890, AY005111, AJ404326, AK001093, Z69706, Z84716, and Z56078.</p> <p>BG026286, BE729382, BE563873, BE409361, BE392296, BE669943, BE218622, BF000652, BF433096, BE465008, BF057153, BE504280, AW027774, AI675461, AI620226, BF591621, BF510496, AI652839, BF433368, AI291296, AI809638, AI400625, AI423961, AI092358, AI681604, AW242346, AA846296, AA846276, AW410676, AI261659, AI085293, AI763186, BE504486, AI867792, AW872376, AA505813, AA962236, AI689885, BF939912, AI279838, AW243337, AI872951, AI077828, AI205630, AI936344, AA505678, AA304442, AI827344, AI301986, AI472586, AW999384, AI698391, BF032768, BF814449, BF895953, AA427700, AV755581, AI280661, AI687127, AI889168, AI677797, BF528433, AL037558, BF340323, AW827289, AI358701, AI690813, BF343241, BE964614, AV682875, BF812960, BF343172, AW129106, AI568138, AL042382, BF970449, AI582912, AW265004, AI254727, AI537617, AW083750, AI277008, BG029008, AW019985, AI365256, BG180273, AL037582, BG105895, AV681731, AW673679, AW169604, AA437338, AL037602, AV729953, AL110306, BG029829, BE769091, AI669639, BE876049, AI929108, BF873239, AI872148, AV735353, BF752858, AI624693, AI802240, AW167918, AI089970, BF751347, AI961589, AL119863, AI359787, BE962727, BF886214, AW082532, AI537677, BF792961, AW583714, AI950664, BE965121, AI335426, AI348777, AV709390, AV703585, AI249946, AL038529, BF909758, AA470523, AI591228, AI570966, AL514717, BF868489, AW827206, BG034550, AL119791, BE878989, BG107847, AL040241, AI273843, AI758528, AW081866, AV755459, AW083573, AW827285, BG113299, BF970652, BF037484, AW051059, AI670009, BF814450, AI433157, AI702073, AW161579, AI567582, BF812961, AI270183, AI521095, AW023338, AI612759, BF036115, AI889189, BG250213, AI288285, AI633125, AI570861, BE895585, BF871314,</p>
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HMUAQ05	622	102691 3	1 - 1600	15 - 1614	AL359601, AF130099, M27260, AL117457, I09499, AJ003118, AF146568, E01614, E13364, AF081197, AF081195, AF230496, A18788, AK027096, AB050510, AF225424, AF116654, AF130105, AK027164, AK026647, AB050431, AF254119, AB047904, AX027129, AL133014, X72889, AK027116, A21103, AF116691, AF094850, AF126247, AK026894, AR038969, and AF130075.
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HCOMA45	623	102697 9	1 - 606	15 - 620	BG120722, AU119018, BF978867, BE889331, W27132, AU153520, BG113292, AW009216, BF247311, BF184156, AI630279, BE734748, AA766615, BE739013, AK001549, and AI296153.
HE2KI45	624	102700 7	1 - 3373	15 - 3387	AL536336, AL523966, AL530021, AL530022, AU117518, AU117962, BE747075, AU134825, BF683999, AU130396, BF000235, BE746436, AU126073, AI621215, BG118397, BG116482, AU139709, BG114753, BE612958, AV681825, AW957859, AU137383, BE742555, BE697596, AW975830, BF034198, AW957782, BG251258, BE896710, AW957937, AW813051, BE697644, BE545203, BF977953, AW271555, BG259991, BG116851, AW957783, BE697638, AV691847, AI629012, AA308190, BF056635, AI950251, BE505024, AW271945, AU152320, BF375062, BF907621, BF907553, AU152599, BF907535, AI768899, AU144646, AI300924, BE697633, AI697765, AU150350, AU154067, BF907622, BE707571, BE697643, AI560075, AW014744, AA313132, AA703214, AU151943, AI564193, AI581089, BF381320, BE858805, AL135260, AU152784, AW338106, AA505767, AI418227, BE502116, AI640554, BE350804, BE697786, BF907545, AU155659, AI767988, AI625041, AI561182, AI140164, AI811500, AI858461, BF907552, AI887429, BE539679, AU144327, AW014169, AI909320, AU152389, AI382104, AA603342, AA888065, BE178682, AI765224, BF335705, BF907547, BF907537, AI968568, AU151554, AI357213, BF381312, AI289596, N42240, AI478340, BF096000, BE746411, AA211092, BE178045, AW793648, AI244198, BF381062, BF753598, AW969744, AA455615, BF448461, BE177876, AA487115, N46990,

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HODDO66	625	102720 7	1 - 1299	15 - 1313	<p>AW149836, AV724255, BE161927, BE795004, AW364505, AW138803, AU137429, BE799764, BE300282, AU125467, BE932164, BE786074, BE882532, AI217476, BE294947, AA070029, BE931550, AA191715, BE931549, AI655979, BG254021, BG117060, F07456, BE255593, BF351838, AL039921, BE886862, BE884446, BE547035, BE889046, BF035323, AI000877, R19564, AU124210, BF345149, F07982, W27954, AA853040, BF345081, BF982641, BE747949, BE612626, BE171987, AV749615, BF893610, AA853928, N86091, BE815909, BE836228, BE836225, BE901389, BE880310, BG026309, BE836276, BG259859, BF057135, AI609376, BE836341, BE711453, BE770291, BF573646, BE770388, BE784042, AW135540, AV692147, BE161946, BE770253, BF768674, AA095377, BG253296, BG106774, BG150448, BF374787, T04998, BE836332, BF733397, BF735624, AA089440, BE619425, BE836369, T11680, BE815921, AW403333, AW388404, BE301162, BF768681, BF735716, BE162677, BE709428, AA603744, AI983648, N56195, AA324509, AA099123, BE160000, BF105891, BE547010, N48490, AA366706, BF760099, N94256, BF677619, N83721, BE301157, AB000717, L43509, J05571, and X68836.</p>
HVVAT45	626	102726 9	1 - 3773	15 - 3787	<p>AL521709, AU139605, AU139786, AU133158, AV715927, BE353428, AV707854, BE882531, AI433464, BE302408, BE220521, AW612477, BG122886, BF593222, AI186034, AA480343, AI082537, AW189879, BE002782, BF675617, BE002805, AU143997, AI745058, AI379721, AA001791, AW118778, AU149758, AA001870, AI190938, AA017469, AI810133, AI580107, BF061454, AA017470, N75111, AW573126, BG119005, AA496528, AI361074, AU155671,</p>

					<p>AI421480, AI797293, AI039242, AA676895, AA035158, AA813771, AI380129, AA577557, AI625511, BE930108, AU118630, AA496455, AA035159, AA034943, H09058, D52456, R60578, AI199837, H71368, H49158, AA526250, H71321, AI801119, AW051381, AW193626, AI469299, Z44640, AU158178, AL537252, AI375966, H03188, BE768068, AW027677, BE769432, H03987, AL521710, AA189113, BF112089, F07896, AA884440, AI247826, BE768175, R44612, AI370691, R41912, AW338918, BF908980, AA300907, AI682819, F05975, BF911500, AA089462, AU134848, AU127032, AI755046, H08357, C00830, BE798325, AW137909, H49079, BF594512, AI219213, AI902677, AW837163, BF335290, AA629557, D20866, BF797664, BF758104, T84855, N92073, H01516, BE777866, BE537307, AA384103, AA034942, AA386034, AI758883, AW820302, AI032167, BF677164, BE018848, AA136525, BF239017, BF993167, AA218780, BE073835, AW958177, BE878986, AA376539, BF210087, AL121716, AL117443, AK023709, AF180371, AF102265, AK023432, AB032081, AK023685, AK001365, AL162056, AL050080, AB029040, AK027030, AK021676, AL049699, U52077, AL050341, AC003977, AC006249, AL080315, AL139188, AF104257, AC004385, AF314060, Z84470, AF205406, and AF126403.</p>
HVCAG18	627	102748 4	1 - 608	15 - 622	<p>BE393771, AI491895, AI972158, BF035171, AI683354, AI634702, AW003747, BE394824, BE208245, BE674284, AW166518, BE394667, AA477548, AI204509, AA433859, BF223547, AA075256, AI459028, AA704365, AW170346, AA719455, BE898899, AI683449, AA293804, AA722190, AA394184, BF061263, AA010660, AI972816, AV705972, AA534766, BE382381, AI800229, AW054677, AA075515, AA291675, AW517880, AI269897, AA025902, AW105621, AA496562, AI131418, AA477665, AA293236, AA972922, AA688358, AA405299, AA603048, AA555137, AI206090, AA452084, AA432228, AI352215, AA327201, AA563656, AA078977, AA451904, AA628896, AI128837, AA010659, AW510341, AI683140, AA025750, AI859472, AW102571, AA477050, AW189037, BF111273, AI680769, AW512687, AI298658, AW193875, AA496431, H50634, AA936665, W67669, BF446212, AA292518, BG150710, AA428593, F02471, AW749395, AA385354, BF877343, W67668, BF876769, AI955963, AI932457, AA477179, BF750539, H50635, AI609687, BF883518, AA335459, BF877245, AA287213, AI540421, AI087799, AA507349, AA284324, AW189604, AW772554, AA506658, AA476938, BE811673, BE694854, AA290981, AA969241, AI685657, AA385556, BE811545, BE811507, AA406009, AW088425, AA477670, AA402537, BE001672, BE746798, AA477553, BE931271, AW779288, BF184297, AA477157, AA290980, F02231, AW467094, AA079060, AA402896, AW207468, AA401329, T28367, AI521428, BE515017, BE001677, BE001587, AA908550, AA403038, AA411029, AA411533, AI963250, BE816517, AI130774, AA402928, AW754236, AA480517, AW995301, AA479786, AA908619, H53726, AX014329, AI8924, AL031663, and AF314058.</p>
HPTXK72	628	102748 6	1 - 990	15 - 1004	<p>BE393771, AI491895, AI972158, BF035171, AI683354, AI634702, AW003747, BE394824, BE208245, BE674284, BE394667, AW166518, AA477548, AI204509, AA433859, BF223547,</p>

AA075256, A1459028, AA293804, AA704365, AW170346, AA719455, BE898899, A1683449, AA722190, BF061263, A1972816, AV705972, AA394184, A1800229, AW054677, AA075515, AA010660, AA534766, AA291675, BE382381, AA293236, AW517880, AW105621, A1131418, AA972922, A1269897, AA496562, AA477665, AA688358, AA025902, AA555137, A1206090, AA405299, A1352215, AA563656, AA451904, AA452084, AA432228, AA603048, AA628896, AV704660, A1128837, AA327201, AA477050, AA078977, AW189037, AW510341, A1683140, A1859472, AV705443, AW102571, AV703972, AA010659, AV725088, BF111273, A1680769, AW512687, A1298658, AV703342, AW193875, AV703456, AV702222, AA496431, AV658362, H50634, AA025750, W67669, BF446212, AV707155, AA936665, AV653845, AV729242, AV709932, AV727238, AA292518, AA385354, BF877343, AA428593, AV707770, AV704481, AV725047, A1525556, AV706394, AW749395, BF750539, AV703137, A1609687, AV705447, F02471, W67668, AV701953, BF876769, AV703284, BG150710, AV707556, AV698270, BF877245, AA335459, AV725991, AA477179, AV701914, AV709222, AV727272, AV745940, H50635, AV703030, A1932457, AV702486, A1955963, AV706075, AV728652, AV703913, AA287213, AV706425, AV707658, AV701614, AV705525, AV727204, AV651075, AV711901, BF883518, AV728523, AV701471, AV726699, AV645540, AV703783, AV702315, A1087799, AV686417, AV661838, AV706655, AV701320, AV753729, AV727314, AV725074, AV694871, AV728471, AV725090, AV702343, AV703213, AV728309, AV753856, AA284324, AV728185, AV738340, AV727126, AV706910, AV683285, AV694787, AV658332, AV727984, AW772554, AV727562, AV729017, AV729366, AV708069, AA506658, AV702696, AV726532, AV705189, AA476938, AV725154, AV702163, AV704307, AV706964, AV706925, AV697350, AV704834, AV687342, AV702322, AV709886, AV754068, AV727047, AV726743, AV727929, AV727468, AV701844, AV707828, AA507349, AV759156, AV728436, AV746010, AV705684, AV707648, AV707238, AV725380, AV701643, AV702868, AV727954, AV704897, AV709040, AV703591, AV704879, AV729376, AV703989, AV645836, BE811673, AV701730, AV725920, AV729220, AV703940, AV708320, AV645575, AV729255, AV702787, AV725099, AV703980, BE694854, AV705234, AV728715, AV656240, AV704955, AV709935, AV703417, AV728874, AV702721, AV726761, A1540421, AV685688, AV687176, AW189604, AV709733, AV652156, AV704973, AV703542, AV726248, AV707822, AV701728, AV727052, AV701985, AV701875, AV760359, AV726783, AV691891, AX014329, A18924, AL031663, AF314058, AX020190, AR088705, AR079804, AR017907, AR091393, AR038855, I13349, AX026824, I18895, AX008555, AX009712, X81969, AX035980, A91965, AR062871, A25909, A85395, A85476, I44681, I66485, I66487, AX028305, AX035462, AX009487, AJ244004, AJ244005, AR062872, AJ244007, AR062873, AX001322, AX026823, AJ244003, AX006816, D78345, Y16359, AX006826, AX001082, A20702, A20700, AX032758, A43189, A43188,				
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					<p>AX006825, AX006822, A98420, A98423, A98432, A98436, A98417, A98427, AX021518, AR093392, AR037157, I63120, AR038762, AR093385, A98767, AR008429, A93963, A93964, AX042372, A86792, Y09813, X83865, A84772, I15717, AR054109, I15718, A84776, A84773, A84775, A84774, AX006821, AR067731, I08396, AR067732, A58522, A91750, I08395, M28262, A93016, AX047063, E03627, AX011024, A18053, I48927, A60212, A60209, A60210, A60211, I62368, I13521, AX003207, I52048, I84553, I84554, AR096545, U94592, I00682, A02712, A77094, A77095, AR080470, AR077142, A35536, A35537, A81878, AX033488, A11623, A11624, E00609, AX033489, AR069650, AX033490, A95051, I06859, AR095492, A02135, A04663, A02136, A04664, A18050, AX012337, AR073846, A23334, A75888, I70384, AX033474, AX033486, A58524, AX033487, A64973, AX006823, A60111, A23633, E13740, AR007512, A11178, E01007, Z32836, A10361, I49890, A58523, A11245, AR043601, AR070327, I03331, A02710, E12615, AX018504, AR035193, D50010, E14304, A07700, AX027811, AX027809, A13392, A13393, AR031488, A27396, AX027813, AX030369, AX030368, AR069374, AR027100, I44531, I28266, AR069375, A90655, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, I21869, A92133, AX042373, AX032992, AF149828, I44516, AX032993, A70040, E16678, A82653, E16636, A95117, AR074365, A24783, AR085082, AR085089, AR085091, A24782, AR095490, AR095491, AR085079, AR085083, I01995, AR038066, I25027, AR069426, I08051, I26929, I44515, I26928, I26930, I26927, I60241, I60242, I05558, A20699, E00696, E00697, AX001330, E03813, AX003206, AR093384, I66482, AR009151, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR027099, I66486, AX023553, AX003194, AX023548, AR072540, AR093383, AR051652, AX027636, AR031566, A22738, AA079060, AA480517, AA908550, AA290980, AA290981, AA401329, AA402537, AA402928, AA402896, AA403038, AA411533, AA411029, AA479786, AA477157, AA477553, AA477670, AA969241, F02231, AI521428, AI685657, AI963250, AW088425, and AW467094.</p>
HHGW78	629	102840 5	1 - 495	15 - 509	<p>AI040010, AI300866, AA682391, BF109228, N29566, BG231154, AI129244, AV741891, AA761892, AI085911, AA708606, AI347228, AW016268, AI125595, W46147, AI086773, AI090828, AA846190, W49679, BF109594, AI126838, W48662, AA149081, AI343789, AI601178, AA782846, AW965184, AW965196, AA428595, AI129248, AA740563, AA554542, AI338248, W80680, AI025221, AA677392, AI190899, W94099, AI001139, AA683514, BF436689, AI589088, AI244460, N95164, AA907886, AI077390, AA063581, AA526582, H98767, AA729878, AI032677, W49848, AI144405, AA494307, N35698, AA041457, BG026470, AA916799, AA613024, BE792146, AI269011, AA902613, AW025516, AI131435, C21125, AA889491, T60457, AA845442, BE789615, BG170408, AI248145, AW874239, AA055102, AW024412, AI189372, BE312637, AA512949, AI565196, AW016193, AI918116, W84416, BF448735, BF124923, BE769708, AW496831, AA700243, N80608, BE883556,</p>

					<p>AW194137, AA036650, BF215467, AV707190, W51872, AA034442, AV712984, BF680831, BF966226, N23951, AV699381, BE884771, BF691260, D57508, BG169173, AA932609, AV706771, BF222631, AA149080, AA740599, F23371, BE569008, N23488, AI243882, F33146, AI273036, BF061273, W80936, AW337192, AV710168, AA203621, F36926, BF219184, AA203303, AA975956, AA034441, N45090, AW022006, AI143160, H45672, BF061231, AI204692, AA468438, AA258924, AV711891, AA716545, AV716456, AI768434, AA483466, N31852, AA041487, AI418736, BF245211, AA041509, BF697691, AA432231, BF245775, AA922529, AA781780, W49678, BF358515, BF222274, AI936125, AI378250, AV701971, AV654379, AV712755, H45714, AC020977, AF020351, AX017280, X63215, and AF124785.</p>
HDTLR06	630	102919 1	1 - 2646	15 - 2660	<p>BE880150, AV714766, AL037752, BG249115, BE869900, BF970612, AV716522, BF981298, BF670705, AI807631, AW959676, AA479519, BF699048, BF240530, BF028284, BG112682, BF103751, AI433776, AI085610, BG105696, BF221532, AA479522, BF815176, AV700038, AI979032, AA149078, BF979245, AA868892, BE064495, BF576484, BE779262, AA085763, BE549144, AI888699, AW368466, BF211956, BG231196, AI274793, AI302738, AI685714, BF248036, AW025865, AW510744, AA868627, AW631467, BF757093, BG056635, AA131509, AI566328, BF887743, AA411937, AA099324, AW008987, AA128370, AA101862, AI034130, AA505082, AW474020, AW512897, AA131278, AW801804, BF763378, AI420344, AI707791, AI289004, AA827737, AI307391, AA603153, AI278872, AI088381, AA149079, AW816611, AW768937, AI911177, AI085852, H03698, AI027366, AA993335, AI003565, AI088373, AA194832, AA883469, BE968701, AW025874, N34932, AA411978, H84364, AA709465, AI026993, AW380728, BE004195, AA075705, AA687743, AA708422, AA600355, BF802610, AA505085, AI086107, AA458999, AI038736, H04299, AA069442, AW959683, AI287268, AA346920, AA459218, BF801763, AA558206, D79676, H03699, AA280229, R56481, BE694195, AA468345, AI581421, AA468915, BF801764, AA032256, AI242820, AA743438, R62743, AI690209, AA373919, AI000242, AA102069, H03200, AA411789, R63384, AI537127, AI934536, AA099859, AA993326, AA285277, AA411777, Z21244, R78175, AA508503, X85612, BE165918, AI695567, N43994, AI557451, R81943, H03997, R49722, AA075695, AA468992, H01646, R63438, H03016, AA371111, AA826547, BF735612, BE670784, AI866416, BE005572, AI088382, AA371158, R77810, BE931779, AA296627, R38119, AA298094, T49048, Z21319, AA033629, R38033, BF515977, AA069469, Z21218, T49049, AA092678, AW472736, R26423, Z21382, AA468153, AA090508, AA743841, BE005593, BF804374, BF919743, AW889236, H84365, Z21243, AW611875, AI914841, AI687818, AW858525, AW877209, AL134524, AW968355, AL119324, AW971745, AL119457, AI432644, AW858526, AW861944, AI623302, AX017997, AX017856, AX030435, Y17793, AR066494, AR080280, AJ251859, AF019249, AB026436, AX030436, AX046357, AJ279014, AR060234, AR071207, AL133049, AL133074, AL133053, AL133076, AF064854,</p>

HPAMG11	631	102948 4	1 - 1315	15 - 1329	AL122101, AR054110, A81671, AL133068, and AR069079. BE747185, BF027619, BF036217, BE898878, BE879303, BF345805, BE876986, BE745122, BE742819, BE875019, AL536934, BF570276, BE875960, BF984370, BE892090, AW081666, A8322707, BE745781, AV694521, BE315072, AW250016, AW954141, AW150364, BE207659, AW957004, AU148920, AI799718, AW249413, AU148744, AA426216, AI745234, AI951260, AA448227, AI920826, BE732315, AA434128, AW150130, AI954474, AA303085, AI955179, BF314962, AI002573, AW316690, BE898908, BF032262, AW768741, AW129675, AW190199, AI673189, AI905251, W45131, AI633410, AW733124, BF961569, AI028405, AI676122, R55621, BF033609, AW275855, AW014416, AW193391, AA888952, AA434063, AI538224, AA088197, AA355520, AW150121, W79830, BE907265, AA894775, AI684012, R43171, AW008535, BF095212, Z39285, R71396, AI014759, W67259, BF195242, AA679644, AV709538, AA448370, BF969186, AI824709, AI032483, AU157353, AA399042, H92688, W48653, T56564, AA303084, W67405, AI598209, F10851, AA543080, AI613024, H78325, W45090, AA812293, AI927856, H78326, BE085568, AV726722, R70181, BF989514, BE093115, AI970979, BF569413, AI732820, BF033608, AV727483, AI827432, BF877350, BE275903, BE879983, BF822159, AI732766, AA385233, T62619, AW611752, T87085, AI800683, AA456124, BF091176, AA430681, AA397699, AA425986, BE799738, F31113, AA291586, AA421299, S82470, and AF211969.
HSDJR27	632	103087 0	1 - 1783	15 - 1797	AW005629, BG250786, AW167264, AW514301, BF972677, AI978666, BE042945, BG030936, AI653352, AW245141, AW473620, AW952847, AW381277, AW084624, BE613692, BG231579, AI868951, AW381279, BE697890, AI114471, AW008764, AW418543, BE697876, AW513047, AI148331, AA456251, AW316794, AW149142, AW381280, AI598035, AI143936, AA211485, AI278540, AA579574, AI566968, AA425564, AW150911, AU144458, AI051837, AI018216, AI826388, AA454639, AW510391, AI307182, AI289622, AI078750, AW515371, AI091088, AA568661, AA604128, AA890006, AV718198, AW008757, AA776519, AI025370, AA988529, AV724654, BE855631, AA425359, AV724468, AA129320, AA565823, AA767424, AI188982, T62521, AW139907, AI948620, AA031319, AW952485, H49462, H97012, AW381263, AW627376, AI132361, AV702030, AI369641, AA910241, AI670733, BE703259, AI283644, BE221734, BF197353, AA748475, AA132360, BE841619, BG015801, AI684010, H49463, AI279767, BF433941, AA807987, T87152, AA129383, T03321, AV653714, AI809410, AW192634, AI380647, AA341266, H84690, AA827171, AW295873, AI382754, H75949, F22114, AA932513, BE677881, R02581, T31504, Z42997, Z39713, BE904223, N59136, T89930, AI379281, AW979047, AW383774, F02474, T23701, AA830719, AW606262, AW381575, T87057, BF841083, AW383777, AW383735, BF837368, AA322268, AI634197, AI254734, T16695, BF841582, BF841536, AW884300, AW383750, BF082720, AI380926, N77574, AI473328, AW383744, AW197718, BF842440, AA576177, R35638, F13769, BG015805, R27657, BE938517, AW372004, AW014878, AA777966,

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HOCPL33	633	103087 1	1 - 2171	15 - 2185	AC005870, AC002482, AL031133, AC007237, AL117338, AC007385, and AC005053. BF725593, BF344577, AA291892, A1093722, N35995, N21491, AA493711, T57002, AA650030, F09835, AW953246, AA573152, AA541730, T80464, D31115, BG059601, AA350448, Z25379, A1393498, R39024, R42314, AA865667, N44238, A1088818, BG054755, F08817, A1970892, AW139210, AW338984, AW449202, A1418641, AA729145, T66221, A1910796, T93953, T94411, BF507381, AA350447, BE163296, AW081029, A1208336, A1624663, R16370, A1242755, BF437813, AW905871, T93903, A1906851, F11146, AA507190, A1696468, AV699193, BE245956, AA648118, AL514793, AL513961, AL514731, AL515341, AL513971, F13451, AL514717, A1589450, A1745505, AW016789, AC005551, A1277264, AL121656, AR089157, AC018514, AF243527, AC008018, AC006115, AL355815, AP001605, AL133240, AC006989, AL031846, AC010412, AE000665, U72620, AL022238, AP001688, AC084392, AL078630, AC005544, AC003689, AC010311, AC005736, AP000252, AP001699, AC007655, AL034549, AC005274, AC016656, AC026431, AL137060, AC069019, AC011484, AF003626, AC004900, AP000134, AP000212, AC010267, AC004659, Z84474, AC003670, Z98049, AP001707, AF050157, AL031228, Z98946, AC013458, AC005082, AC006075, AC008738, AL031390, AC006336, AC010582, AC005944, AL356321, AL355485, AC020947, AC010723, AC004846, AC005725, AP001711, AC007021, AL035658, AL163279, AC021868, AL035668, AL137145, AC009756, AC025167, AL132795, AB003151, AP001705, AL133353, AF314058, AC0079603, AC005859, AP001412, AC004685, AL359272, AC019209, AC007907, AL109800, AC004903, AC004161, AC007981, AC005259, AC008394, AC006994, AC007115, AC008887, AL033378, AC011198, AF227510, AL162414, AP001714, AC003060, AC007993, AL133238, AL121890, AC008102, AL139114, AP001726, AC005181, AL109925, AF289667, AL034351, AP000152, AC012309, AL139327, AL136218, AL031224, AC008482, AC015540, AC005742, AP001724, AC006530, AC005370, AL118520, U85198, AC012351, AC017100, AC005914, AL031663, AP000402, AL157903, AF111102, AC006972, AL162455, AC005682, AF053356, AC016620, AC006944, AC027689, AL117186, AC007325, AC005839, AC016831, AF001905, AL109928, AC006004, AC006333, Z84487, AF152363, AC007263, AC016898, AP002532, AC009976, AL050348, AC007748, AL117350, AL035466, AC008747, AL137839, AC004911, AC004808, AL391995, AC017037, AL138725, AC010141, AC007966, AC064878, AL158040, AC021642, AP001717, AC084429, AF125314, AC026881, AP002530, AC005817, AC012526, AC005290, AL008720, AC019173, AC005522, AC011453, AC007226, AL050341, AP000272, AP001691, AC008626, AL008723, AC006151, AL139353, AC007510, AL031054, AC010874, AP001727, AL163207, AL163206, AC007656, AC009169, AL133215, AL163248, AE000664, AC011470, A1010688, AL021127, AL355532, AC083871, AL031121, AP001728, AC004815, AL132777, AC002553, AL121852, AL049874, AL160231, AL139008, and AL159980.
HPCQN80	634	103096	1 - 2743	15 - 2757	AU125281, A1341671, A1205964, AU125275, A1911769, BG252896, A1378791, A1031802,

	3			<p>BE672902, BF001953, AL038594, BF980802, AU138919, BE891177, BF970173, AW051484, BG250318, BE280981, BE693756, AW362262, BE786824, AW511114, BG113568, BF964615, AA099021, BE904266, BG035645, BF238740, BE536646, BG114756, AW190346, BG113181, AW362861, AW262049, AI263923, BE542722, BF977300, AA610026, AW664463, AI986151, AW360910, AL042274, AI986159, AI422324, AI041639, BF033891, AW338310, BF349988, AI684102, BE701144, AA954206, AI279796, BF594374, AI823866, AA456560, AA436242, AI752275, AW027296, N66002, BF968980, AI401327, AI752356, AU148968, AA235144, AA436919, AL038595, AW105399, AI272955, AI308097, AI539266, AA436243, AA430381, BE838204, AA865506, AI752058, AA972055, AW015391, AA430734, AW268147, AA494424, AA653605, BE818621, AW591117, BE719146, BE838697, N24583, AI701154, BE220373, N95114, BE672172, AI752276, AI801614, AW369379, BF132446, AI752386, BE838699, AA912058, AI750729, AA099099, AA018538, BE838698, BE931347, BF732554, AA659106, BE771906, AA234745, AA478821, BG258794, AW068079, H24829, BF803584, BE899243, AA912162, W25171, BG056980, BG121984, BE932583, AW262918, BF797326, AA346940, AI247522, BG024573, AA628028, AW364305, AI262971, AA625407, AW362150, AI752059, AA576262, BE048271, AW300619, BE838691, H73800, AW016410, AI829861, AI910850, H73787, AA018539, AI681474, AA991165, AL036588, AW673447, AI205671, AI247899, AW364245, AI695237, BE962024, BE897497, AW511522, T89755, AW275459, H89288, AI758343, AV696759, H82662, N95452, AA514818, AI264787, BE838701, AA459675, BE838710, N91004, AW889556, BE869969, AA459797, H89287, T83120, Z28550, AI804910, T73910, AA682987, AW262976, AA598583, AA324634, BE838688, T89397, AW390276, AA876901, AW845090, AA346941, N33730, BE549598, T73942, AA324179, H19255, AI867212, AW376643, AW376802, AW848197, AW848552, AW675770, BF918373, AL134190, AW376632, AI284739, AI769735, BF331292, W20133, AW376583, AA295317, AA970370, BE719069, T30544, AW855261, AA935880, BF034494, BE838694, D38549, AF072697, AF160973, AL161999, AL136549, AB032994, AB050254, L47738, AK024816, AL357618, A74762, N53981, AA935058, AA095975, Z20384, AI034347, and AI537324.</p>
			15 - 1941	<p>BE612881, AV681739, N36809, AW967677, AI819225, AI689062, AI741346, AI872193, AA282915, AW102898, AW971573, AW629970, AI950344, AW967671, AI683338, AI858509, BF589902, AI950087, AW173586, AA283144, AW150329, AW205862, AI763273, AI890387, AI653832, N70208, AI762688, AA988777, AI821380, AA488892, AA908741, AI633006, AA044209, AA293273, AI356394, AW072629, AI308119, AA251874, AI373032, AA969759, AI539642, AI564269, W01059, AW513996, AA972584, AA642789, AI251473, AW512843, AW505512, AW103813, BF886630, AW513601, AW467940, AA251875, BF993945, R97278, BF819530, AA488964, AI821346, AW276997, BF195374, AW959581, N46026, N50134, H60052, H83488, AA300207, T91721, N75628, N35320, BF196759, AI745010, AI961530, H59397, N22388, R97040, AA908598, AI002839, AA847038, AA856975, AA382351,</p>
HODE122	635	103107 6	1 - 1927	

	636	103108	1 - 890	15 - 904	<p>AA251669, W37181, BF998263, BF998265, F00531, BF997959, AW276905, AA383118, F00049, R83287, AA337499, AA286854, AA908470, AA180009, R69682, T81601, T85904, W87891, R69594, R07850, D84394, AP000509, AC083862, AC009542, AC009330, AC004185, AC006047, Z97876, AL158167, AL080317, AC010877, AL357654, AC005406, AC010598, AC008554, Z98750, AF058907, AC018728, AC004707, AL356421, AC011494, Z97054, AC008739, AL132982, AF196971, AC007319, AC011895, AC018694, AC002485, AL445258, AR036572, U91328, AC012068, AC005908, AC007029, Z83820, AC015550, AL356020, AC022027, AC004985, AC003093, AC010521, AC004055, AC009505, AC008995, AL030998, AC003983, AC020633, AC022150, AP001748, AP001630, AC011604, AC016941, AC005574, AL353678, AL121947, AL389889, AJ239329, AC003082, AC004617, AC011477, AC009289, AC012601, AB003151, AP001725, AP000689, AP000688, AL390836, AL049830, AC007889, AL050332, AL035410, AC0073539, AC019187, AL122001, AL160234, AC018676, AC006023, AL078475, AL163203, AL096868, AC005023, AC013735, AL359218, AL049697, AC008265, AC025593, AL118502, AL138680, AC010183, AC066593, AC013412, AC007683, AL109933, AC008760, AL021026, AC008463, AC004691, AL121887, Z84514, Z83839, AC002059, AC006147, AP001714, AP000277, AC008752, AC011749, AP000037, AP000105, AJ271736, and AL022147.</p>
HODFZ16	637	103108 5	1 - 890	15 - 904	<p>AU142662, AU122434, BF1313104, AW296716, BE082138, C17206, AA825641, H65334, AA807120, BF948913, BF954989, BF962641, BF935143, AW274870, H65533, BG014436, AL038842, AW513789, AL038841, AA991899, AW858064, AI921765, H29930, AW502949, AW150209, AW080073, AI123933, AI123922, AU144023, AU144129, BF871412, AI902170, AC007956, L40400, AB033168, AL133492, AL163303, AC012384, AL109825, AC020728, AL117186, Z82253, AC005323, AC005412, AC079603, AC008745, AC004408, AC025226, AL163246, AC010201, Z70272, and AC005619.</p>
HWGAE28	637	103131 6	1 - 2498	15 - 2512	<p>AL532884, AL536010, AU119158, AL532831, AU137754, BE745500, AW007660, BE275049, AU136309, BG252544, BG030152, BF969187, BE784443, BE794719, BF968474, BE783084, BE781638, BE253809, BE899520, BE778167, BE256714, BF526973, BE546562, BG259152, BE778011, AW614628, BE891232, BE731724, BE747256, BE782053, BE784115, BG250699, BE745177, BE902036, BE777819, AU137978, AI066745, BE782043, BF980330, AA573220, AW662390, AU127382, BE301322, BG120424, BG024926, AW239481, AU127941, AI091268, BE779025, AW150072, BE256841, BG056400, BE904709, BE870649, BE258984, BF573556, BF696389, AW780335, BF973777, BE256053, BE781356, BE221362, AW247473, BE782729, BE258556, BG259237, BF131364, BE259358, BF691584, BE254655, BF667102, AW247336, BF977152, AW770805, BF969017, AV689827, BE958151, BF701767, BF698305, BG109265, AU150320, BE388447, BE546560, BF571551, AI568796, BF029871, BF977578, AU127305, BE250863, AI718794, AI690695, BE253419, BE257509, AW073196, AI624284, BE254374, AU126969, AI859836, BF698313, AW196988, BF031160, BE781097, BE254505,</p>

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HOFNZ21	638	103132 8	1 - 444	15 - 458	BF686413, AA172312, BE280965, BF027045, AW732580, AW245781, AW245685, AI922686, BE261601, AI752241, BF724479, BE278353, AL045207, BE735320, AW162793, AW239365, BE382409, BE383980, BF037301, BF308536, BE781436, BE797824, BE268521, BE262144, BE731292, BE733603, BE734713, AW663323, AL520921, AL531792, BE903671, BE903610, BE410055, BG107222, AL517770, BF979786, BE732947, BE887714, AW733017, BE391917, BG115216, BF127715, BF308038, BF314417, BE260247, BE408288, AW250530, BE735006, BE902627, BE019168, BG116714, BF795384, BE269556, BE903782, AW732949, BE268384, BE383309, BE279030, BE280838, BE382735, BE278656, BE312285, BE561530, BE734379, BE902509, BF689380, AI815398, BE792513, BE903567, BF304602, BE281170, BE262670, BE561790, BE391391, BE279176, BE735055, BE560537, BE391848, BE390588, AA306149, BE261481, BE313043, BG008258, AA223817, AA314658, AU076526, BE262008, BE382475, W44751, AW960376, BE387281, BE281148, AW083164, BE312928, BE259589, BE312581, BF316894, BE514910, BE262642, BE737459, AI123512, AF100752, AC004472, M30143, and U11760.
HOOKH25	639	103132	1 - 3762	15 - 3776	AI517769, AI520920, AI520921, AL517770, AL531792, AU125829, AL531791, AU124376,



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HDTIL75	640	103143 5	1 - 1473	15 - 1487	AL525996, AV683597, BG169538, AV725955, AV764341, BE884035, AW953224, BE336842, AI935589, AI952759, BF030731, AI912341, BF034469, BF334207, AV726875, AW361333, AA760708, AI740664, BF876675, AW854201, AA126440, BF364260, AA126547, AW904025, AV690108, BF364253, AA374854, AA569874, AI359973, BE208051, BE781651, BF998663, AA128145, BF355778, BF734000, BE565675, Z45193, AW182538, AA424133, AI433942, AA095328, T33320, BF736750, AA505114, AI370560, AA216128, BE892492, BF365395, BG014127, AW339451, BF223694, AA069580, AA069607, AA425032, T16316, BE350697, AA722003, AA126980, AA659722, AI491840, AA282590, AA262021, W74044, W74284, Z40918, AW955087, AW135564, BF925321, AV685598, Z82195, AK000031, AF220185, AK027029, AF168713, and AK025354.
HPRSB55	641	103145 1	1 - 2118	15 - 2132	BE740238, BE396502, BG121152, BG166305, AA725894, BE856956, BE560549, AV725381, BE788322, AI151174, AA725843, AI796778, AA631182, AI684470, AI758791, AA307128, AW517402, AW950147, AW402321, AW873141, AI131094, AW082953, AA282254, BF836375, AW629203, BE042724, BE042802, AA456796, AW593026, AI810099, AI554493, AI589210, AI681923, AA476490, AA811682, AI034159, AI005154, AA429074, BE514170,

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HPDPY36	642	103160 6	1 - 1125	15 - 1139		AI286191, AI380986, AA833766, AV685121, AI684915, AW445111, AI078315, AW409850, AI074944, AW083620, AI333829, AW410643, AA862712, AV692765, AV691674, AW630406, R28360, BF054960, BG034066, BF220235, AI951634, AA535484, AW083851, AI298559, BE222680, BF002293, AA456610, AI742128, AV714945, N79442, AU154935, AA293551, AW613671, AA745871, AA457113, BE300685, AI865039, AI421011, AI436231, AI472002, AI080216, AA989354, AA973505, AA629630, AA863374, AA953282, AI421211, Z38938, BE858784, BG033474, AI743335, AA507434, AL135633, T68735, AL521527, AA247823, AA422055, BG036806, W80729, AA337554, BE280767, BE256109, BE277425, BE277346, BE409965, BE744735, AU124270, AL521528, AW960789, AA293550, BE885112, W78830, D19872, AA011488, BG167001, BE612990, R51146, R58147, BE410071, W07812, AW242007, BF307924, BF032930, AK001789, AK001235, and AF125182.
HETFJ47	643	103192 2	1 - 1767	15 - 1781		AA910946, BE795828, AU141193, BE901965, BE797702, BE733565, BE902040, BE736900, BE901113, BE304538, BE799665, BE733825, BE733342, AW370766, AA773478, BE539912, BE280632, BE901394, BE744972, AI147187, AW612924, AW245820, AW084163, AA827996, BG171354, BG004649, BE019577, AW958909, AI654448, AI627563, AI445660, BE265415, AI925490, BE266374, BE301538, AW955959, AW370781, BE044092, AI261225, BE267493, AA444056, AU158829, AI860488, AW780063, AL521838, AW673660, BE393046, AI339998, AA662124, AA826649, AA916472, AW206617, AI082028, BE019726, AW293553, AA588398, AA781244, AA100487, AL526812, AA444074, AW732928, BG170833, AA662089, BE796246, BF984794, AW363526, AW169569, BE539623, AI619549, BE267273, AL522637, AI272817, AA099576, AA626735, AI476556, AA563618, BE880158, AW005594, BE407731, AI669785, AI694033, BF108798, AW370776, BF033906, BE280141, AA100486, AA130971, W31417, AA838073, BF817639, BE927305, AA826578, AI869910, AI694055, AW731651, AW128848, BE814008, AI285208, BF726872, AL516968, BE732800, AI813824, AI700255, AA548132, AV748948, AW374533, BF761078, BF761129, AA983604, BE410292, AW245780, AI688313, BG029699, BE172513, AA102239, AV746613, AW374457, AA337602, BE276474, BF808956, BE300492, AV746614, BF002398, W04536, AA774600, BE396111, BG012408, AA384358, BE387107, AV746731, R00451, BE386995, W92449, AA336823, W92448, AI401368, AW087441, AI269310, C06239, AA130960, AI991651,

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HCOQQ85	645	103247 5	1 - 796	15 - 810	<p>AF123263, X72378, AR032065, and U79457.</p> <p>AA527275, BF739761, BF671674, AI021993, BF788289, AA708317, BF339011, BF698698, AI056032, AA177007, BG109574, AI084881, AA719512, AI992038, AI149297, BE250762, W72756, AI885493, AA025332, AI347596, AI127378, AW960136, AI150597, BE537772, AW055350, BF669977, AI309300, AA807990, BF025746, AI299357, BF026935, BG179200, BF752877, F36957, AI167238, AI144250, AI817728, W37211, AA587383, AI301868, AI150853, AI146973, AI128060, AA757709, N36768, W93604, AA977154, AI870720, AA143022, AA652196, AA569637, AW016423, AA908239, N20465, AI168024, BE300559, AW392903, AW249089, W61069, W25494, AI073715, AA206039, AI129656, T78482, AA827356, AI301287, AA886216, AI079179, AA885836, AA962819, AW248654, AA888169, AW316772, AW050956, AW273669, AI189120, W77955, AW780042, AI312121, AA581114, BG248514, AI422787, N78693, BF102734, AI340959, H88181, AA321706, AI188708, AA150913, AA024487, AA813766, AA873718, BF697972, AW009296, N25492, BE302884, AI352608, AA714470, AW009290, AA548148, F34753, AA358375, AA586392, AW272941, AI541308, AI905953, AI435287, AW392845, BF677448, N31676, BG114546, BF752843, AA376127, AW272937, BF763217, AA937389, W25732, AI471041, W33168, W02662, W61070, AI905948, AI905949, AI185169, N93627, BE680643, AW873384, AA494189, AA373543, AW176052, BF764929, N94001, AA367465, AI194089, BF853542, AA070489, AW176041, AA928311, R63598, BE045202, BF853680, BF853544, AI085401, AA373625, AA366558, BF854499, W33142, AI192334, BF913336, AA953271, AA366974, AA364489, AA092278, AI203772, AA070661, AI905950, N22648, AI718915, N53822, AA634161, BF664967, BG005761, W33143, F18245, AA728797, AI024909, AA026881, AI001941, BE175249, AA779647, C03405, AA366085, AI074923, AI094487, AI766664, BE774269, AA635566, AA635574, AA535812, N45928, AA976918, BF853551, AW975850, C00369, AI862619, AI862613, AA578205, AA548598, X99920, AR065359, AX038714, AB001567, and A52250.</p> <p>BE276086, BE799426, BE869452, BF026338, BF317399, AW025382, BF794897, BG114881, BE730504, BE889582, BG170450, BE729071, AW273311, BE383027, BE388081, BE546242, BE389443, BE872888, BE728904, BF382090, BE393294, AW516676, AI498244, BF724969, AI598225, AA873418, F31242, AA600326, BE045808, AW148628, AA642725, AI000969, AA506332, AI751726, BE301180, BE543750, AI479038, AL048061, AA232924, BE378196, AA558785, AL048062, AA961507, AA340658, AI400895, W95885, AA662509, BF033521, AA548895, BF975491, F36168, AA082145, AV750413, AI423491, AA994430, BF430965, AI824366, AW177763, AI816593, BF904786, F36493, AW603812, BF526524, BF902060, BF931340, AA491695, BG232062, AA101158, AW082900, AI828034, AW001969, AI422611, BE838159, AW969607, AL134524, AI309801, AW968148, AL045328, BF958854, AW969848, AL037436, AL038838, AL047012, AL044125, AL038983, AL037435, AW969653, AL038532,</p>
HE2DQ62	646	103365 3	1 - 1566	15 - 1580	

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HKDBF43	648	103447 1	1 - 703	15 - 717	AL521067, BG254653, AW973521, AL538244, AI885741, BG054923, AV714089, AI335244, BG030440, AI269906, AI027424, AA579704, AA777627, BF238809, AV713226, BE564548, AA992926, AA445937, AI356231, AV713098, AI361152, AI032967, BF589467, AI361064, AA470634, AV754963, AA854242, AA708602, AV695307, BE245579, BF760585, AA995030, AA248187, T93683, AA015679, BG249798, AI582957, AA093306, AA005262, AA095822, T93633, BF360248, AA013163, AA773481, AA831583, AA829772, AI218445, N91079, AA243830, AA585313, AA243751, AW798023, BG058272, AA906550, AL049705, Z99297, and AI033133.
HVVCT43	649	103453 9	1 - 3825	15 - 3839	AL513621, BG108364, BF981991, BG251062, BE277090, AW955958, BE878444, BE733803, BG168247, BE277399, BF668085, AV650071, BE786362, BE707568, BF669676, AW972542, BF684894, BE391809, AA314262, AI698145, AI751509, BF665920, BF573738, AI751508, BF697493, BE564902, AW960775, AW582252, AI765378, AW582244, AW439242, BF665612, BF666904, BG166422, AW582251, BG057825, BG113388, AW814405, AW503987, AI309793, AI983094, AI819921, BE813900, AI889488, BF027863, AI691017, AI478725, AW173684, AI336867, AW513228, AA954665, AA770272, AI418367, AI768787, AA639199, AI633169, AI579948, AI828611, AW511444, AI923258, AI635118, AI952782, BE464454, AV749304, AI635010, AI683485, BF700402, BF792987, AW304822, AI963627, AI088904, BG028078, BF668903, BF112132, AA773349, AW129973, AA287318, BF030304, AI347373, AI278264, AA187540, AU153764, AW974355, AI373090, AI860395, AI637577, AI982534, AA130169, AI561081, AA642700, BE049571, AI637840, AW591126, BF670532, BG058636, AW304817, AW512939, AW379208, AA854659, BE541922, AW514020, AL513622, AW130866, AI624071, AI167846, AI566584, AW591196, AI984745, AA305439, BE301698, BF699770, AW591595, AW517070, AI683773, AA747281, AA451739, AA287399, BF697324, AW058417, R59469, AA255886, AA587659, AI267698, AI986135, AA488133, AI961717, AA689402, BF668997, AW572352, AA282616, AI744496, BF383062, AA488134, AI559255, AI858347, BF217682, AI887129, AI684490, BF674704, AI274756, BG114332, AW444697, AW150281, H24906, AW473915, BF512979, AA730687, AW055340, BF815344, AI472334, AW513812, AI492872, AW169998, AW571720, AW514071, BF184666, AA970450, AI288077, AI636153, AI955042, BF594373, AI858187, BE540403, AL037168, AW193022, AW391166, BE094675, AI888974, AA978256, AI189233, BE274007, H01983, AW151230, AA256684, AV657239, AI861989, AA694475, AI273008, AA644170, AV656955, F09244, H01972, H02063, BF216051, AI860650, AI273026, AW517510, R70971, BF218858, H26485, AV697460, AI873591, H13596, AA348853, AA256683, AA336954, H02078, BF675733, AI824564, AI399762, H44525, AW189754, AI565023, AW591124, AI275201, AV695254, BF208299, AA354340, AW571751, Z43173, AA337732, AW591124, AI275201, AV695254, AW814497, AA907212, T96248, AW297887, Z39255, AI873453, R75751, H44530, R70923, AI567328, BF695847, H26324, AA354807, AA918265, AI284207, AA336921, AA337310,

HTTDR30	650	103543 5	1 - 1010	15 - 1024	AI634443, BF335551, H91570, AI868395, AA775352, R41517, AI638129, R12808, H13229, R32680, R59470, BE295746, D60252, AA337380, R18527, Z98172, Z84466, AL157931, AK025467, AX013095, U82319, AC005225, AL359763, AR060045, AL035687, Z65447, AB026436, AR060234, AJ251859, AX030435, AX046357, AR080280, A81671, AR066494, AR054110, AR069079, AJ279014, AR043113, R28489, AA262646, C02323, AA449368, AA634601, AA629599, T24624, AI479533, AI611218, AI886562, AI870106, and AI954448.
HODGO46	651	103560 2	1 - 597	15 - 611	AW960396, AA308503, AA455444, AL449624, AA402322, W90706, AI908717, BF818192, BF756568, AV659387, AW802965, AA251071, BF727415, AV655464, BE170924, AA251073, AA383483, AI907975, AV694122, AI907976, AV694102, BF906047, AA303211, AI908722, AA251074, AW577424, AA250874, T51062, AA047652, AL449625, AI633474, AI962727, AI908024, AW264181, AI908023, AI492574, AW027558, AW664484, AI590823, AI435243, AW008383, AW013828, BE169107, BE302199, BG250743, AK026760, and AL109839.
HNTTB23	652	103598 8	1 - 4138	15 - 4152	BE152315, AA918309, and AC019171.
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HVVBV73	653	103658 3	1 - 2030	15 - 2044		AU122160, AV714982, AW958328, BF445093, BF905367, BF448196, AV760536, AW468149, BE220180, AI632166, AW779772, AA133246, AA533135, AA483521, AA194092, R97265, AA311548, BF850986, AI075828, AI921879, BE701129, BF822456, AI652624, BE829766, AI189606, AW081537, AA367772, AI660524, AW008689, AI189280, AU076738, AI126085, AI521483, AI913886, BE007605, AW294311, AA133300, N26404, AA991196, AA352508, BE815848, AI262718, BE815899, BF900631, AI561330, AF013249, AF109683, AF251510, AF251509, and AF013250.
HE8MH38	654	103670 7	1 - 3263	15 - 3277		AL533126, AL533127, AI928228, BG260542, AW170300, AI808522, AI986295, AW052146, AW440263, AW025345, BF575470, AI767642, BE786636, BF679661, BF061092, BF528772, BG120285, BF977985, AA772078, BF879171, AA858427, AW469286, AW953365, BF838470, AI554864, AI680274, BF838469, AI683456, AW451615, AI582689, BF669695, AA806625, BF209841, BF838693, AW961621, AI745623, AW614818, BF591069, AA278792, BF855142, AI075180, BF817549, AL531141, AI041921, W67223, AI831295, W86505, AA837322, AW958118, BF838674, BF838513, BE565407, BF769124, BF827053, AI699876, W03861, BE219995, BF106385, BF593586, AA251571, AW895135, AI240206, BE049368, W86438, AA236388, T75243, AI216491, AI245175, AA251003, AW269059, AI079656, AA039738, BF541202, AW269066, AA234416, AI346613, BG001183, AI474766, AA039811, AA664111, BE940534, BE184744, D60839, BE091487, AA354069, AI917547, BE184809, AI290570, H53649, AA716105, AI538089, H50150, H22062, BE940694, AW191651, AI569099, BG001168, H43509, AW361564, AA935476, H51650, T88885, R19252, AW139671, F12748, AA317063, T35484, D81747, AA045983, AV722954, R38637, T84243, D63023, AA353028, AA329162, AA854482, W27422, AA724246, H55953, T07187, AA730463, T91921, AA029576, AA367548, BF839731, AA740198, BF992584, AA322166, T91833, AA579692, AA484665, R44516, AA297306, AA029575, W67333, AV683803, R05399, R05398, AA046230, H21205, AA700200, AA764806, H51073, BF825032, BF825022, AI904358, BF087937, AA766546, AI560551, AW991849, R88372, AW991846, AW991745, AW991848, AW991856, AW991850, AW991858, AW991852, AW991689, AW991855, AW991859, AW838079, BE892310, AI358443, BE180978, R28906, AW991853, BE813259, H24553, AW991844, AW991851, AA873752, H42515, AW991675, AW991857, AW991682, BE931685, H55952, and AB014597.
HTEPV42	655	103697 3	1 - 3044	15 - 3058		AI807073, BE380078, AW237271, AA167044, BE673329, AI962324, AW019979, BF105943, BE463595, AV648439, AI872009, N66663, BE463544, BE710043, AW960859, AI299822, AI949044, AI458442, AA993605, AW299249, AW450231, AA629256, BF475297, BF430929,

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HFTCG52	656	103710 8	1 - 920	15 - 934	BE782529, BF970515, BF034352, BF343862, BF183040, BE408359, BE910261, BF125809, BF663499, BE262322, BE264972, BE314050, AV752768, BF116109, BE909920, AA411585, BF206350, BF056595, BE904868, AI066608, BF680573, AA814458, AI031665, AI290747, BG167518, BE252952, AI084670, AW955529, BE889078, AA485512, AI147480, AI186832, AI908551, AI140421, AI741421, AA512969, AI279073, AA393178, AV728317, AI908565, AI720871, AI281075, AW874059, AV745547, AI033995, AI884439, AI950072, AW856249, AA411457, N36051, AW407316, AI310485, AI434953, AI027471, AA968894, AI682083, AI280176, AI937180, AI191381, AI061395, AI246055, AI568461, H42954, AV688973, AW196298, AA477804, N95220, AW001391, AW002095, AA402550, N79656, AA402549, AI418957, AA502177, AA854174, AA954913, AI869942, N25233, N63979, AI264945, BF344111, AA857556, N25183, AA724336, AI200178, AA296690, AI262872, AI220131, AA143229, AI266423, AI192573, AA296976, AA296812, AW192188, BF221838, AA535997, D81930, AA477803, AA938296, AI205287, H93834, AW276772, AW473105, AI910113, AI263686, AA143285, N88797, AA485357, AA045562, AI682860, AA411909, N33866, AA887422, BF764144, AI559369, AA298307, AA298311, AW118287, AA298404, AA557594, AA885990, C20721, AA045563, AI915482, W21048, AA297564, AA873195, AA402737, AA303056, AW956361, AA402328, AA297445, AA082648, R97588, AV699267, AA305827, BF673964, AW602659, AA812499, AI866484, D44879, BE827119, AI475298, AI872315, AI932620, AI474699, AI804505, AI815239, AI500659, BE883591, AI866465, BG167830, AI815232, AI866691, AI801325, AI500523, AI538850, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AI500706, AI445237, AI491776, AI926593, AI289791, BF811804, AW151138, AI521560, AI889189, AI500662, AW151974, AI285417, AI623302, AW172723, AI539800, AI284509, AI582912, AI538885, AI889168, AI440263, AI927233, AI866573, AW058275, AI633493, AI434256, AI355008, AI866469, AI805769, AI434242, AI888661, AI500714, AI284513, AI888118, AI285439, AI859991, AI436429, AI355779,

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HKAOB40	657	103713 1	1 - 446	15 - 460	<p>AV756246, AA244132, AV717234, BF185867, AV758520, AV729159, AV759948, AV712024, AV703418, BF149398, BF313925, F27760, AW015956, AV711660, BG030072, AV711804, BE122692, AV713393, BG164207, AA664996, BF589117, AI283651, AA318284, F27676, F33364, F27644, BF244031, AA627396, AA947143, F30071, AI832645, AI130748, AI289147, C04467, AI039009, AA317435, AI023676, W80487, AA694164, F22719, BF445896, AA244131, F27522, AI309287, AA531437, AA534561, AI749712, F30920, AI344732, AA524049, AA694524, AI150756, BE049640, F30100, F33405, F35313, F24555, BE259481, BE393823, AI077875, AA864997, AA903996, AI911004, D51606, F33783, AV712423, AI560279, AA603795, F22313, AI537640, AA780729, W78719, AA306681, AA704855, AI000638, AA327732, BE829631, AA657632, AW510909, AA927025, BF353508, F34894, F33982, AA888258, AA096277, F35771, BF589713, F20520, AW274260, AA926970, AA969580, BF359255, AA320725, AA484618, AA319168, BG223142, BF680834, BF216367, AA352731, AA089523, AI708982, D59538, F26815, BF674387, BF678571, AW363453, BF213136, AW373552, AW373558, AW363451, F29754, F37671, T74859, AW363455, BF343046, AW363456, AA089891, BG107505, BE958613, F33389, BE069589, AW363452, AA865251, AA659874, AA991471, AA918494, AW373548, AA876674, BE568423, T25895, AI885345, AW373549, AA541603, AI686496, AI002064, AW373557, BE164631, BE069691, F31896, BF218334, AA905241, T74772, BE069604, R07845, AA730436, AA857847, N80149, BF752245, R98804, AV692587, AI445990, AI909696, BG029667, BF970449, AI680498, BE886728, AI671642, BE785868, AA287231, BG112102, AI431909, AI874243, BG110517, BF338002, AI922577, AI863321, AI858827, AI923989, AI686906, AI916419, BG257535, AW082113, BF726207, AI863382, BG180996, AL038445, BF885082, AI950664, BE047952, AW806761, BF924882, BG029086, AW961463, BF904189, AL036980, AI499986, AI537677, BF753056, BF798503, AI801325, AL079741, AI336575, BE964876, AA572758, AW274192,</p>

AI312428, AI340519, AI698427, AV707062, BG178911, BF970186, BG110684, BE965621, AA420722, AI251485, AW673679, AI284517, BF752353, AI538885, AI133559, BE138658, BE964614, AV756091, BF904265, BG163618, AI280661, AW022699, AI358701, AI345608, AV656932, AI318280, BE874133, AI345688, BE910373, BF814450, AL120254, AI554245, BG121959, BG114104, BE965355, AW059828, AW955606, AL039086, AA225339, AI859464, BF814018, AV682787, BE047833, AI250369, AV682112, BE965599, BE886858, BG163297, AI345471, AI366992, AI866465, BE877142, BF856052, AC008044, AC008372, AC016925, AK026534, I48978, A08910, AL049382, A08909, AL133104, AF116631, AB052191, Z72491, AL162006, AB049892, AL137658, AF116639, I89947, A08916, A08913, U87620, U42766, AK026855, AK024524, AL049314, AF176651, AK025772, U91329, I48979, AK024588, AR059958, A03736, AB051158, AK027204, AF130075, AK026600, AK027116, AF130104, AF113677, AL133093, AF118070, AF130105, AL137529, AL157431, AF100931, AF090943, I89931, AL117457, AF158248, AR087170, AF056191, AF175983, A08912, AB016226, AL049283, AL110196, AK025958, AF017152, AK025254, AF130082, AK026629, AK027096, AL050024, Y11254, AF119909, Y09972, AB052200, AL353940, S78214, AF113013, AK024538, AL137429, AF090934, Y16645, AB047615, E02349, AL137459, AL133557, AB047904, AK026927, AL096744, AL133606, AF207829, E04233, AL133640, I09499, AX006092, AF111847, AK025484, AF091084, AF065135, AB041801, AK026624, AK025414, U68233, I92592, AF116602, A08908, AF130087, AL137547, AL096751, AF116682, AF104032, AL110280, AF227198, AL049464, AF113689, E05822, AL122050, AF119860, AK026630, AF090903, AF116649, AL050393, AJ012755, AK000718, AR038854, A65341, AK026597, AL049430, AL117585, X98834, AX026824, AX026823, A58524, A58523, AL389935, AL122049, AK027081, AF119875, AJ000937, AF087943, AK000137, AK026959, AK026741, AL122098, AK027200, A93350, E01314, AL050116, U66274, AR079011, AK025524, AF113676, AR079012, AX010492, AF177401, AL442072, AF039138, AF039137, AL117394, AF130110, AK026592, AF130059, AF116691, AK026528, AK025410, A08907, AL133080, AB047623, AK026647, AF119871, AF111851, AL359583, AB048954, AL080234, AB049853, AF116646, S69510, AF090900, AL050108, AL122093, AL133072, AF119337, AF116610, AF177336, AK026744, AJ238278, AK025632, AF090896, AL359618, Y07905, Y10080, AF106862, U72621, AF230496, AL133560, AB019565, AF119883, AR013797, E03348, AK027114, AF118064, AL049938, AF132205, AF217966, AB047887, AF119878, AK026583, AF113699, AK024601, AR070212, AL117583, AF217982, AK026947, AK000083, AK026784, AK025092, AK026526, AB048975, AL137550, AK000323, AL389939, AF106657, AL133113, AL117435, AF079765, X63574, AK026462, AK026593, AL122110, AK000614, X82434, AL049300, AF119899, AF067728, AX042059, X72387, U67958, AK026057, A77033, A77035, AL049466, I33392, AK025339, AF118090, AL359596, Z82022, AL110197, AF130077, AF125949, AL110225, AF146568, AL359620, AF116644, AK000652, AX040958,



HPDVE37	658	103730 3	1 - 1599	15 - 1613	<p>AB033884, AB047248, AB048964, AB048933, and AI475127.</p> <p>AL517808, AA875996, BG163459, BG254693, BE856373, AI356625, AI697273, AW964280, BE20690, BG032350, AI955203, BE739574, BG180539, BG118987, AI804501, AW072362, AW131876, BF439994, AW517706, BG163494, AW589307, AW474312, AV713744, AW189479, AI758808, AI671058, AI859527, AI571565, AL516527, BE044262, AI979123, AI358930, BE785436, AA903662, BE876057, AV757490, BF447142, AW769283, AI702005, BG179480, AI589797, BE855665, BE874132, BF815665, AW470124, AI608874, AW262906, BE542347, AI419415, AV733087, AW085499, AW264203, AV716319, BF594195, BG166560, AV717480, AW043903, AI589155, BG236166, BE855543, AI625339, BE349609, AW071433, AI811579, AI827883, AI038312, AA923546, BE787494, AI027551, AA946567, AI218474, AI262847, AA516112, AI250238, AI367751, AI587647, AI445709, AW190946, AI095563, AA506164, AU149505, AW449748, AW675364, AA461100, AI273385, BF342328, AI886029, AA594304, AW363586, AI765475, AA644088, BE831584, AI249095, AA954399, BE870728, BG164966, AI359314, AI362797, AU148487, AU155770, AA054986, N79134, BE698726, AW022921, AI302865, BE788584, AI347884, AI344505, AI339769, AI159818, AI191669, W68451, AI301086, BE787374, AI346633, AW864340, AW468843, AA461415, BG249206, AV733977, BF130637, AA917866, AI431993, AI346628, AA295256, AI139442, AI474061, AI263002, AI554488, AI718444, AA054987, BF350409, H97738, N28435, D20107, H50749, AA405503, N26792, N47562, R06023, AW768467, AI866248, W32011, H71749, AI335841, AI473654, BE244914, BE871289, BE870161, AI244612, AI274576, BE879080, H04403, H66230, AA872308, T60170, N62365, AV705024, AV738340, BE873741, AV701643, AV707151, R33767, AV727052, H72312, W31602, AV727574, AV703542, BF094332, AV708203, AI146867, AV745940, AV703980, AV702696, AV728282, AV709886, AV727954, AV701751, AV703266, AV649112, AV707794, AV727001, AV702222, AV727314, AV709932, AV706910, AV727238, AV703213, AA055296, AV704879, AV706425, AV725991, AV706223, H04378, AV725154, AV727583, AV653897, AV706851, AV728652, AV762632, AV702673, AW510462, AV701879, AV729473, AV707783, AV701774, AV707528, AV725380, AV701914, AV702149, AV648623, AV702354, BE881308, AV706104, AV728425, AV709494, AV760693, AV709356, AV715252, AV706925, AV761002, AV707238, AV733867, AV704954, AV705416, AV702671, AV707589, AV727126, AV733901, AV704660, AV703460, AV703591, AV711979, AV703417, AV713329, AV733247, AV733222, AV711705, AV758219, AV702851, AV762691, AV764039, AV716583, AV705550, AV713025, AV758054, AV726653, AV733212, AV702498, AV729886, X87212, AC011088, U79415, I45551, AF060171, D90404, AX020190, AX047064, AX035462, AR038855, AX047063, AX008555, I44681, AR088705, AR062871, AX026824, AR017907, AR070327, AR091393, AR079804, AX032758, X81969, A25909, AR062872, AX026823, A85395, AR062873, A85476, AX009487, A20702, I18895, A20700,</p>
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HTLES74	659	103743 8	1 - 1599	15 - 1613	<p>AI684972, BF970837, AW967038, AU159484, AU158471, AA057647, AW500380, AW249504, AW151743, AI424975, AI432337, BF871652, AW084843, AW304447, AW967331, AU148765, AI394403, AI191900, BF871649, N25336, AA133457, BF382784, AW505227, BF871644, AI914725, BF955103, AA921789, AI783706, AA057623, AW469146, AA916229, BE699490, AA729783, BF955104, BF847243, AA458940, AI336273, N31450, T07500, BF744969, BE254288, BF350930, BF744962, AA010526, BE041426, AW873536, BF350929, BE256648, BF874285, AA317055, BF847242, BG104716, BF993827, AW592168, BF876061, BF869452, BF744885, BF869451, AA010440, AA133456, BF874364, F37928, T28450, BF377173, AA768679, BF350954, AW250269, BF350936, AI905327, AU125009,</p>

HCORG51	660	103748 0	1 - 1018	15 - 1032	<p>AW452112, BF350941, BF814972, BF809514, BF811020, W88917, BF349935, BF766992, AF159851, and M73077.</p> <p>AU119606, AA203703, BG108259, BF727003, AV723401, AV727538, AL037022, BG121673, BE906082, AV701409, BG104741, BF207530, BE888688, BG165717, BE865783, BF969520, AV693876, BG121030, AV695442, BG105351, BE906390, AV718109, BE256706, BE905199, BE783245, AV761845, BF213371, BG163570, BF695449, BF666653, BE787708, AV759701, BE257704, BF033701, BF978876, BF212445, BE440070, AW960900, AV696961, AV759933, BF940791, BF698481, BG107691, BF696419, BF032594, AV714540, BG032718, AV713922, BF208342, BF207835, BF698120, BF132136, BE878507, BG171285, BF666631, BF184845, BE564620, BF028256, BG114143, BE566319, BF665952, BF207537, BE787664, BF701660, BE712409, BE254967, BF212224, BE566364, BF668687, BF103822, BE568143, BF794294, BF028300, BF668049, BE535212, BF210210, BE564454, BE566504, BF669748, BF028425, BF132549, BG034568, BE973714, BF211605, BF698186, BF699327, BF129935, AV692292, BF790799, BF668313, BF207538, BF219102, BG112005, BF574192, AV695884, BE568054, BE865575, BF028080, BF669285, BE866162, BE564560, BF696430, BE564680, BE566998, BF697745, BE880760, BE537699, BF701632, BF031304, BE568246, BE567433, AA641037, BF666925, BF245842, BF699104, BE568260, BF698609, AA207275, BF028127, BE617095, BF687636, BE866547, BF029228, BF211122, BE565384, BF028659, BF666787, BF215598, BF106334, BF207508, BF662895, BE568342, BE883681, BE958125, BF209000, BF238831, BE712313, BE865640, BF207801, BG113857, BF701484, BE564339, BF666262, BF207800, BF212545, BG170382, BE379878, BE565403, BF208434, BE738903, BE960617, BF130043, BF701314, BE566626, BF696841, BE567001, BF676340, AW956412, BF207487, AW951764, BF028632, BF679913, BE565908, BE866051, AI878922, BE565841, BF028356, BG116048, BF698480, BG115367, BE568736, AV748606, AA775569, BF028533, BE538069, BF029283, AV711633, W74771, BF132067, BF028876, BF698815, BF184604, BE568628, BE866343, AV709365, BF540906, BF668983, BF670020, BF029074, AI313152, AI184824, BE568240, BE866165, BF669919, BF241599, BF211931, AW327264, BF132599, BE958387, BE566452, BF668437, BE958229, BE866608, BE568941, BE567143, AW405776, BE675095, BF208507, AW575329, BF698858, BF670050, BE567222, BE712302, BF106197, BF571150, BE567991, AI204563, AI971724, BE865853, AA143061, AW089921, BF790681, BE566909, BF213189, BE865841, BG117885, AW886459, AI879014, BF126080, BE712495, BE565381, BE866555, BF700114, BF240137, AI057602, BE881428, BF028741, BE674885, AA187900, BF028038, AI041813, N36393, AI146925, BE568390, AA314926, BE866414, BF699470, AI362989, AV714019, AV753726, AK024823, AC005000, AI031983, AC006137, X99585, AI031133, AF067824, AF067825, U89439, AF067826, AC006349, AC005193, L76416, Z98050, D16928, M84340, A74359, X95225, R09273, T78786, R06047, R13312, R26309, R34095, R69222, R69651, R69665, R87091, H54579, H61278, N27572, N32723, N42456, N44268, N45944,</p>
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						<p>N48438, W00426, W05298, W07641, W39571, W56082, W67312, W73910, W79164, W84806, W94261, W94446, W96094, AA041447, AA120893, AA127439, AA127483, AA143182, AA150033, AA460187, AA834320, AA962193, N56045, N56067, N56426, N83904, C14682, C14726, C14725, AA092145, C15010, AA652002, AA652058, AA652108, AA214478, AA216107, AA293093, AA722481, AI091789, D25641, AI362990, AI193283, AW270463, and AW270543.</p>
HPAMM72	661	103834 4	1 - 1192	15 - 1206		<p>AL523860, AL523859, AV703581, BF313932, AV704094, BE744272, AI245953, BF311083, AI580046, BF978105, BF342774, BG029876, AA548201, AA587134, BE384153, AA502785, AA505568, BF686716, AI754704, BF568187, AA526489, BF206736, AI360872, AW170479, BF125063, AI342198, AI871437, BF980574, AI620169, AA587222, AA533190, AA252926, AI819060, AI809628, AL535314, BE266496, AA477334, AA905992, AA548308, W52644, R53008, AA479767, AA740293, BE389423, BE889935, AA888511, BE895691, T69762, AA953866, W79885, F24264, AI186365, AI126858, BF972617, AI684622, W56615, BG163811, AI936781, F34518, M77988, T70747, BF195437, H83737, BE840210, AW865827, AI857330, BF591148, AA542905, AI421596, AI984543, BF879344, AI354365, C01187, BF939223, BG057040, H54505, AV742672, AI524233, N56117, W74271, AA054732, AI005431, AI937336, W05721, AA054739, AA559928, W25472, AA304771, R71745, BF910578, AW607220, AA879033, AA886134, BE696657, BF807135, AW605383, AA345944, BE840003, BE696656, BF910040, BE836322, W56645, AW768898, T50922, BE727589, T50763, BE770117, BF354989, BF858481, BF858460, R28237, AA338136, BF858399, BF858463, AI005445, AW800087, BF858469, BF858479, AW118596, AA568270, R70173, BE811961, BF896188, H54417, R29460, W25064, AA507070, BF799694, AI459675, BF796413, T85523, BF743421, BF002186, Y07604, AF086133, AF288690, AF153451, X97899, AL359622, AK000432, I48979, AL121656, AL390167, I48978, A93016, AK026592, A08916, AF116639, AL137527, AL389978, Y11587, AF116602, AX046603, AF118070, S78214, AL157431, AF116646, A08913, AJ242859, AF130075, AL442082, AB019565, AF130104, AL117585, L31397, AF090900, AF078844, AK024538, AR079032, AF125949, AK026865, AK000618, AK026504, S68736, A08910, AF118064, A08909, AL133640, AK026651, AL359596, AL117460, AL080127, AF130059, AL049938, AB048953, AK000212, AF219137, AL050393, AL442072, AX026824, AX026823, A58524, A58523, AF116691, I89947, AK025958, AB049758, I89931, AL122093, AF113013, L31396, AI2297, A08912, AR087170, AL110196, AL359601, AL110221, AL117457, AL133016, AF113691, X84990, AF116644, AF119871, AF242189, AL356278, AF090896, AL080060, AK025391, AK025484, AF104032, AX005848, AX005804, AK025491, AF130105, AF119878, AK027204, AF017152, AF090934, AF119894, AF225424, AF116631, AL133606, AF090943, AF218014, AK026608, AF090901, AL133113, AL389982, AL050277, AL162002, AC005992, AK027113, AL162083, AK026086, AK000445, AF183393, AL122098, AF113676, AF138861, AL050138, U35846,</p>

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HKZAT03	662	103837 8	1 - 1603	15 - 1617	AF1792181, BF568681, BE619353, BG120390, BF342481, A1401034, BF568988, BE789895, BF732947, A1767382, AW006326, A1355164, BF338223, BE045924, A1285633, BF591104, A1867456, A1887701, BE785287, BF594321, A1521603, BF568589, A1281806, BF594332, A1569158, AW469163, A1638344, A1201771, A1733579, BE042478, AW193431, AW083891, BE502258, BF674772, A1672802, A1952107, A1916027, AW263735, A1924871, A1655323, A1677970, BF941149, A1970251, A1347252, A1564712, AW089701, A1539116, A1420801, A1916004, BE620014, A1672004, AW290972, A1247014, A1680300, BF438612, AW629833, BF196599, A1281880, AA602320, BE857125, A1571084, A1560534, A1920823, AW194360, AA558959, A1655096, AW089651, AW593434, AA583786, BF877451, A1886225, AA838252, AA583313, A1910048, BF036691, BF875572, BF588571, A1962356, BE939501, AW378134, AA653417, BF839820, BF898669, BF809758, BF834908, AW748237, A1102207, BF884829, A1950970, AW272114, AW087229, BF880457, AV688379, AV693534, AV693525, BE001970, BF827682, AV689604, AV692641, BF829604, A1081643, BE939633, AW177785, T29204, BE078144, BE618452, BF664598, BF878235, M63193, U62317, M58602, and S72487.
HDQMA85	663	103871 7	1 - 342	15 - 356	BF978123, AU126384, AU128622, BF978806, AA495935, AA418533, AV711446, AA193327, AV710174, BE566462, BE892207, BE569126, AV650111, BF208049, AV655570, BF571579, AV658440, BE566177, BE380088, BF207671, BE564660, AV659224, AW953008, BF126703, BF681495, AV706080, AA136159, BE568578, AA365223, AV717432, BF037095, AV706188, BF969419, BF027969, BF678845, BE294140, BE819432, A1557092, BE315019, BF542097, AV716266, BF104989, BF207827, BE565709, BF131739, BG167404, BE894162, BE565661, AV731171, AA150864, AV730529, BE568671, BF691161, BF674527, AV705301, BE569149, A1525586, AV702978, AA421976, AA314967, AW607134, AV707255, BE566620, BF572994, AV723383, N79705, H24621, BF675294, BE568676, BF031287, BG168685, AV710104, H49331, BF207548, W01244, BF031139, BF573093, BE618995, AW804379, BF132984, BF030537, BE971095, BF028510, BG167791, AV705177, BE005667, BE568441, H83043,

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HVCCQ82	664	103871 8	1 - 960	15 - 974	<p>AV711446, A1810249, BF969419, A1146338, A1553922, AA629296, A1819787, A1220117, AV706188, A1961682, AV659224, A1857837, AA418533, BG167404, BG167791, BF035310, A1888793, BF038148, AA929054, BF037095, BF339479, A1718455, BG179179, AV731171, AV702978, BE564660, BF032642, A1749637, BE380088, A1814264, AW166965, BE894162, BE064379, BF104989, AU128622, BE892207, BF978806, BF207671, BF028516, AV710725, BF207827, AW439768, BF031139, BF027969, BF976854, BE568671, A1560688, AV705301, BF572994, AA928210, A1304964, AV655570, BE819432, BF027792, BG168907, AV650111, BE867757, BF691161, BE005667, AV658440, BE005665, AV710174, BE866538, BF675491, AA418380, BE005609, BE315019, AW571549, AV717432, BE005612, BE974177, A1400738, AV723383, BF037132, AV706080, BF031287, BE565661, BE568676, BE568525, AA887452, BF571579, AV707255, AV716266, BF542097, BG168685, AA493733, BE566620, AW471079, BF675211, AA991294, AA421976, A1089943, AA629674, A193327, BF028510, BF207548, BE565709, BF594181, BF674527, AW950043, AV700927, A1218371, BE618995, AA629649, AA194110, BE926908, BE926907, BF573793, BF132984, BG180562, BE926888, BF196688, BE926886, A1198508, AA126514, BE176759, AV705177, BE176757, A1073726, BE568441,</p>

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HTGFP54	665	103891 5	1 - 515	15 - 529	<p>AW379160, BE179734, BF753109, BF919364, BF590555, AR086625, and AL080156.</p>
HBODF41	666	103901 7	1 - 4077	15 - 4091	<p>BE693712, BF726185, BF941211, AI609957, BF434424, AI133086, BE743297, AI818455, AI963505, BG035390, AI283400, BF000643, AI807136, AI540580, BE710218, AI923919, AW511536, AW961955, AI673369, BE709764, BE299414, BE938907, BE297587, BF941386, BF083301, AW949326, AA936302, AI119560, AW028717, BE092064, AA838701, AW192115, AW297210, AW467440, W77767, AI246894, AW389733, BF083304, BE764961, AI570849, N92501, BF882462, AI168120, AA262479, AW367902, BE815293, N34800, BE932159, AW085775, AA195510, H97700, AW368180, BF854061, BF882455, AW368217, AI768309, BF822787, BF516377, BE392838, AA417905, BG005722, AW372530, AI334431, AI400483, BF847440, AI580089, BE744768, AW368048, AW368218, AW368174, AW368042, AA131826, BF447574, AW368025, AW368163, BE714741, AW368040, AW368044, AW368047, AW368168, AW368170, AW368212, AW368215, BF349645, AW368045.</p>

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HR0DW53	667	103906	1 - 2522	15 - 2536	<p>BG109975, AU119642, AW967929, AW195340, AW444826, AW976269, BF433231, BF447675, AU158960, AA947277, AA722891, AW009448, BF055991, AI420841, AA256747, AW377666, AA731773, BE503026, BG055294, AI565025, AI927332, AW389598, AI336337, AI494131, AA808216, AA947279, BE222247, AA825545, AW452410, AI651452, AW292860, AW377657, AI867450, AI216219, AI243363, AA812208, AI573209, BF108712, AW367969, AA908226, AW367976, AI458531, AW389617, W93316, AW079969, AW002549, AI467887, AA749144, N24875, AA256877, AA262505, AA766428, AA811313, R83301, AA778771, BF111381, BF542145, AW965704, AA682799, AW183953, BE047426, AW243205, H58733, AA931058, AI246223, H69591, BG002169, AA973454, R83395, AA419509, H69785, N36294, AA299701, AI803225, AA299702, T03865, AW471034, H58344, H75668, H59592, AA812777, BE710950, T77893, AA411001, AI825279, BF759989, AA354797, H65620, BE710953, AA677816, H69023, AI886081, AW296622, AA255868, AA255471, AA648958, BE705831, W93427, AW183272, AI203101, AA815060, H65619, H67272, AI218105, AW811839, H59593, Z38443, F05460, BF909126, AW798987, BF909992, BF909906, BF909207, BF909130, BF909585, AI634666, BF909216, BF909121, BF909974, BF957214, BF909575, BE788762, BE181731, BF909165, BE930530, AI208005, AK000399, AL161757,</p>



HPAMC60	668	103929 0	1 - 2977	15 - 2991	and AK023885. AL53865, AL516512, AL519227, AU141054, AL516511, AU126040, BF967988, AU137295, AU142956, AW963033, BE788012, BE889992, BG035178, BG027055, AU117071, BG258905, BG261070, BE061938, BG258982, AV702215, AW274900, BE217870, AV759936, AW959659, BE540470, AV696955, BF686672, BE538326, BE549733, BF999549, BE549916, AU146938, AV717743, AI160190, AI264123, AA775397, AA902465, AW408479, BF381555, AV753562, AA845453, AI567675, W19918, AI371771, AV714671, BF237716, AV705505, BE707637, AU143994, BF033922, H98061, AI129280, AI436219, AA131605, AI337194, AW750293, BE252519, BG025834, AI808533, AA165080, BE813720, AA314539, AI762629, BF243023, BF059565, AA824288, AV751773, AV763024, BF476697, BE002625, BE466846, AW339504, BE870697, AW172809, BE002808, BF306735, AI028509, N78438, AA165100, AW438902, AA702977, AA934039, AA72387, AI305175, AI969645, W31697, AI079414, AI140124, W32150, W00679, AI298102, AI298271, BF244067, BF746273, AA533788, N78878, AI818253, W56864, BE669492, AI468435, AA227473, AA150886, AI082614, AA888217, AI079958, N90337, AA316647, BF967264, AI083708, R19848, AW075617, N99923, N62347, N90737, BF216915, AI081307, N33210, AW513369, W39443, AI051901, N22977, AI128862, BE252097, AL526658, BE960874, AI366857, BF195491, AI968452, AI093068, AA488414, AA625429, W03474, AI767826, BF886626, N62714, AA844432, AI510771, AI339129, AA977275, AA917896, W77845, AI018089, AA808772, R23594, AA488552, W05350, W06854, AA558790, AV710092, AI590102, BF431526, W15351, AI560407, AA863422, BE671096, BF665098, N79109, AI086695, AV749542, AI246615, AV759463, N99916, W72121, AA226732, AA76460, AI220982, W06941, AI382792, AA844288, AU157116, AU155983, T59679, AI278098, N40268, AA456488, H09416, AI863558, AI300271, R71572, BF031544, N31015, R78812, H95034, AW205368, H78637, AA164685, N41923, H09357, AA854381, AA700449, H96313, R26150, BE925306, H06438, AW901748, AI669872, R77046, N91264, AA725325, R81582, H93997, AI090659, R79310, BE167655, R34212, AI186457, AI470782, AI591349, R79674, T85462, T99588, R81331, AI985095, N55580, AA369712, BF738882, AA009877, Z41909, T82168, T71401, AA708919, T83949, T50395, AW518427, T30640, N32393, T52657, AI191207, AI382962, N90421, R76884, AA164538, AA670114, T71267, AI572199, W32002, BF242166, AA876634, BE180993, AI719049, R30987, W25298, AI917594, BG011640, AA724702, AF121856, U83194, AK021456, T52656, T59815, R08686, T85364, T85403, R34329, R45949, R45949, R79863, H06174, H78585, N63268, N69012, N77082, W25292, AA131531, AA150778, AA738250, AA948725, C01143, AA094683, AA678747, U48336, AI042230, Z38204, AI678470, AW137248, and AW198143.
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HOUDK70	670	103953 8	1 - 1597	15 - 1611	AL526552, AL529569, BE300326, BF343474, AW173245, BE907221, BF526703, BG117100, BG118993, BE731203, BE536398, BE563511, BF307443, AW748479, N36307, BE789360, BE297472, BE737167, N31152, AL039679, AI911101, BE884203, BE734924, AA447600, AA447576, AW894544, AA448099, H49186, AI940110, AI752657, H05170, BF764050, BF750545, H58569, AA448075, AA157923, T08301, N42794, AW607899, Z19259, T10191, Z45841, F12064, BE247381, BF088793, T66334, H54538, N40492, AA376319, W20031, BE244355, AW238940, BF921416, AW843056, AA345246, AV689784, BG168733, BE247386, N26944, AW604060, AW843060, BF303785, BF885765, AA345389, AA789333, AA339151, AI492232, W30828, AV660518, BE909958, BF935407, BE870969, AA099601, BF969573, BF917262, AW366426, BF757047, AW607378, and AF091083.
HCYBI10	671	103957 9	1 - 1702	15 - 1716	AW962356, BE882875, AA446378, AI912345, BF686233, AA903395, AA305361, AI262837, R51262, AA325695, BF756552, AA502360, BF436343, AA341377, AI383206, H95839, BE926588, AK025718, AF078165, AF205888, AF205889, AF017757, and A98521.

HMEFK29	672	103965 2	1 - 1038	15 - 1052	BF855430, BF856260, AI097372, W76417, AW351543, W72789, AI497996, AI201242, AI239673, BE504020, AI125890, AW384017, W94549, AW204883, AA063004, W81183, AI359730, AI698103, W92622, AW665053, AA075526, BE671677, T58604, AV705531, BE780808, BE503247, BE505011, AW955391, BF743760, AW050613, AW135973, BE908855, BF056323, BE551179, AI871753, BE549759, AA075583, AC002398, and AL137752.
HAOSK79	673	103966 3	1 - 756	15 - 770	BG032338, AL525292, BF796384, BF692056, BE745591, AV716068, AI569781, BG029520, AI052735, BE893878, BF797308, BE888132, BF979000, BG178102, AA781104, AI571797, BF976824, BG256579, BG104520, BE544942, BE865636, BG029828, BF0335701, BE261824, AV760223, AV757406, BE564641, BG117456, BG030351, BE899066, BF103712, AI598181, BF687712, BF984230, BF184810, AI870484, BG032825, BF695460, AW957275, AW874587, AW515957, BE866479, AI073718, AA203476, AW575580, AA781338, BE895698, AA706787, AA436999, BF571031, BG030598, BE894780, BF185164, AA081272, AA007621, AI187853, AA075073, AA007646, AA705320, N93408, AA039876, BF516104, AI037954, AI970768, AI192508, AA861023, AI140876, AI698655, AA081273, AA405947, AW272792, BF694018, BG034515, AA041520, AA812948, AA442827, N93319, AI362866, AA075235, AA476952, AW261964, AA074947, BE904476, N53693, AI302602, AA992412, BF685238, AA405385, AA033949, AA075247, R83062, AL525252, AA430032, AA477063, N55467, AA555210, BF036251, H64056, AA772482, AA287547, AA430241, BE184054, AV758639, BF983295, AI445235, AA764752, AA287855, AA780128, H58693, H94652, AA960936, AA314652, H52308, BF218627, AW023686, AW750100, H90483, AW082280, AA627719, H77520, H77519, H60872, R70335, AA055312, AA055311, AA404964, AV734433, AI338258, H60873, H58303, H67960, AA644227, AI185954, H67633, H66113, AA693507, N73057, H64006, AA405133, H66067, H90427, BF979261, N51912, AA286786, AI933075, AI811894, H82677, AA806062, AA287854, R93232, R93114, AA380236, H82417, H52544, BF965661, H67910, R83011, BF037529, AA352192, AA287672, AW750040, N23584, AI498735, BE391888, BG105162, AA383595, AA249470, H70200, C21248, AI910658, AW796237, AW957287, N76842, BE328455, AA033896, AW602820, AW404603, T25511, AW796097, AW796134, BE972716, BG032865, BG033115, AW796271, BE540031, AI346766, BF033757, AF095287, AJ223953, AF075242, AF062649, AF200720, AF200719, AF095289, AF179298, AF095288, U73030, AF116538, AF071209, AF167561, AF167563, AF167564, AF167560, and AF167562.
HPDRV42	674	103968 9	1 - 1739	15 - 1753	AL533202, AL535156, AL517887, AL533596, AI519304, AL531833, AL513982, AL531770, BE799237, AL517032, AU117426, AL533161, BE797596, AU123247, AU141035, BG163895, BG109757, BE396435, AU126498, AL517886, AL045490, BE799456, AU123454, BF038993, BF984427, BE881609, BE905177, BG034215, BF793209, BE871282, BG122256, BE905819, BG168462, BE879496, BF340027, BG165885, BE745016, AV694660, BF968093, BG167333, BG121075, BF526083, BF526778, BF917367, BE269926, AW168896, BE158012, BE407984,

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HOPID35	675	103970 3	1 - 2687	15 - 2701	AUI30672, AU118875, BE741906, AUI30252, AU132148, BF182993, AUI23320, AUI132352, AUI38796, BE778256, BE780163, BG169282, AUI39031, BE616414, AW027586, AV718137, BF973967, BF700458, BE784615, AUI29813, BE890390, BF315440, BE272979, BE616667,

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HTFNP84	676	103974 8	1 - 1470	15 - 1484	AU131060, BG170335, BE874646, AW965920, BF103784, BF132717, AI916675, BE542516, BE545072, AU126699, BE925786, BE542794, AU153996, BG249086, AU128730, BF688040, BE871409, AU133302, BF695692, AA172248, AA279942, BE565526, AU118039, BE696974, BF754790, BF028759, BE865874, AA301103, BF978940, BE141444, BF669829, BE563965, BF185183, BF211791, BF216245, BE005656, BF758436, N85422, AA327978, AI540751, AU127595, BE080860, AK001323, AK023267, L11316, and AL137710.
HTHDT76	677	103987	1 - 1794	15 - 1808	BE547763, BF879014, AA150271, AA150373, AI148532, BF223784, AU135981, AI038383,

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HSYEC21	678	103989 1	1 - 4229	15 - 4243	AU127302, AU123126, AI337321, AW088492, AI984023, BG105936, AI989481, BG115461, Z99413, AV752874, BG164521, AI830368, AU131231, BE046108, AW951238, AW593926, AL134557, BG259862, AW631373, BE328781, AW851082, AW029158, BE789679, AW961129, AA442913, BF793879, AW663665, AW022139, BF432072, AI434336, AI436090, AI809757, AV682735, AW768573, AW439527, BF083068, AI913448, AI440089, AI341304, AV718717, AI190267, AI147127, BG025485, AW613371, AI795941, AI765979, AI216333, AA578569, AI570253, AW235152, AA760815, AI056839, AW439931, AI215415, AA732638, AU153007, AA927068, N29456, AW190061, AA041498, W95177, AA761960, D82513, AI358433, AA776029, BE326691, D82515, AI033177, AI752749, AA262804, AI204230, AW192067, H15877, AW083388, BF750393, BF217438, AA397563, AA026006, H14766, W94597, R51526, AI859270, BF223414, BF431093, AA806627, AV655427, AA781883, BG178000, H43399, H73767, T28485, AA731599, T79974, AI718564, R53656, AA134349, BE156349, D82467, AV657727, AV657350, AV657690, R11928, R53074, BE702241, W58753, AA025218, AA593057, R51525, H74151, BF114660, R15295, N41480, BE875554, H98205, AW954282, AW959453, AW182028, AI863791, AA134348, H47642, R93603, Z43506, H43344, AA041264, BE537020, H29807, H47947, AI370277, D82386, AW842224, AA300686, R02057, BF085644, F05667, AI695688, R25259, AA279606, R41222, AA934641, R14900, Z38623, R02056, T29666, W05800, AW892808, R93604, AW363232, AL039132, AI750184, AV736213, T29285, M86031, H98204, AI926218, AI470448, BE143058, BF541917, AA385114, N72769, AV686989, AW961122, BF818257, AL526144, BE698943, BG027822, AA828877, BF213906, AA096386, AV689120, AI865601, AI865462, BF085643, R53163, J04027, L14561, M95541, M95542, X59069, AK027053, X53456, AK024895, J03753, AF070606, S49852, AF287015, L08769, AF076783, L04739, I58000, AF216705, AC007314, M25824, and AW083471.
HKGCO25	679	104038	1 - 738	15 - 752	AU123678, AU118105, BG027584, AI207407, BF974367, BF973516, BG259718, AU123965,

	4			<p>BF970434, BG107244, BE258547, BE890404, AL517860, BE388162, BF795164, BF967682, AI749737, AA642209, BG107118, BG180133, AV714261, BF345922, BG113295, BE693758, BG109498, BE621536, AI888672, BE693776, AI890575, BF684142, AW148801, AI985751, BE536158, BE881387, AL514074, AA910996, BE617523, AI613444, BF979991, BE926491, BE748880, AW975867, BE562442, AW026187, BE937234, AA463350, BF331308, BF968677, AW089874, BF132803, BE876493, AW275808, BE544407, BE536798, BG026464, BE548933, AW938112, BE873276, AI591115, BE693771, BF308468, BG112808, BE544105, AI872463, AA504731, AA160284, BF132989, BE220696, BE831633, BE870812, BF668540, BG107584, AA581366, BF214198, BE936474, AW022247, BE547171, BF663192, BF975564, BF975670, BF203848, AA613926, AL513773, W68381, AA974654, BG177005, BE737461, BE302403, BF818218, BF437323, AI474126, AW270729, BG109180, AW362917, BE737992, BG024211, BE965760, BF664447, BE790101, AW362904, BE302131, AW263998, AI811519, BE464955, BF753084, BF238891, AI608766, BG110891, BE926527, AI635182, AI935294, AA176782, BE540256, BF753077, BE737233, AW731699, BF348922, AA632813, AW673875, BE536682, AU144908, BF669831, AI978716, BG116086, BE973542, BG026168, AA169276, Z21160, BG116026, AI862701, BF685146, AI689671, AI952720, AA947935, AI955286, BG252078, BF031533, BG035221, AU145014, BF211510, AW316556, AW360809, BE464960, AW674649, BE018843, BE328642, AW360824, BF030655, AA676616, AA127472, BE886218, AL120666, AA329338, BE208259, AI017431, N67918, BG115524, BF969523, BG027922, BE466268, AA836769, BG034243, AA463858, BG113511, AU139343, N85166, AW581985, AI916464, N63379, BE328499, AW673547, BG026114, AA947854, AW664200, AA411497, BF570086, BE747462, AI079789, N81179, AW518369, AA195437, BF803130, AA357441, AA101058, AI707664, AA774179, AA554566, AA968507, AA384381, BE734254, R48491, AW089246, AA205970, AA857683, AI917908, BE895969, BE541178, AU130863, AI953530, AA360799, BE277894, AL532923, BG109514, BF664321, BF671105, BE880035, BF095020, T50269, AL517861, BF377618, T93704, BF811881, BE882033, AU145687, BF804799, BF804803, AF202360, AA366107, AF202359, BE939042, BF095042, AI344757, AW401448, AU155967, BF796383, AA102460, AI073573, BF971137, AA331446, AA329105, BE733637, AU145684, AA102519, BF735362, N87331, BF447744, BF900479, BE170370, AW392261, AW379724, AU118697, BF811854, AA857682, AW129671, BF664492, BE350637, AA422160, M86667, AL162068, AX015397, D12618, AF062594, X61449, AF114156, AC006157, AL135818, and AL133153.</p>
HNOJN70	680	104038 5	1 - 2976	<p>15 - 2990</p> <p>AU119071, BF966048, BG166677, BG119979, AU128779, BE893615, AV681724, AU129282, AW950481, AV703640, AV704484, AI972815, BF000482, BF794196, BE889106, BE536036, BE537475, BF700163, AI954186, BE886104, AI693320, BG236249, BF675355, BF240902, AU151441, BE552164, BF029979, AW880628, BF594114, AW172716, BE326343, AI480116, AA772153, AI693385, BF688083, AW974556, AW512084, BE048759, AW965923, BE644644,</p>



					<p>AW166116, AI953781, AA772136, BE464821, AW008173, AW880617, AI983719, AW169265, AW886240, AA205324, BG230756, BE541979, AI862701, AI992295, AW770425, BG058707, BF214703, AW963530, AI620307, AI076734, BF246085, AU123474, BF968171, AI242706, AI926158, BE143412, BF003150, AA828942, AA487271, AA149575, BE549854, BG26014, BP26289, AA396488, R78573, AA86294, AA704539, AA486439, BE790701, AI514135, BE018839, AA380160, AI093880, AW367347, TI6262, BF125088, BE675133, K78181, AA/48669, AW613446, I31816, AW204421, AW411489, AA045056, AI817500, H41731, AA441826, AA081937, AI803541, AW874019, AA639001, Z38961, AI361946, BF477462, AI127936, AA649340, D31110, BE301027, AI066570, AW589511, AI500472, K78181, AA/48669, AW613446, I31816, AW204421, AW411489, AA045056, AI817500, H41731, AA441826, AA081937, AI803541, AW874019, AA639001, Z38961, AI361946, BF477462, AI127936, AA649340, D31110, BE301027, AI066570, AW589511, AI500472, K78181, AA/48669, AW613446, I31816, AW204421, AW411489, AA045056, AI817500, H41731, AA441826, AA081937, AI803541, AW874019, AA639001, Z38961, AI361946, BF477462, AI127936, AA649340, D31110, BE301027, AI066570, AW589511, AI500472, BF848410, BE328545, BF110537, AA345411, AI357670, AW673707, AI479118, AW673795, AA311643, AU145633, AU144756, AU151894, BE302343, AU146306, H40124, AA626103, AI061276, BE349877, AI784598, AA456414, AA226080, AU144634, AI183884, BG110193, AU145198, BF971137, AI653590, AA054159, BG177005, BE885278, AA071442, AU155504, R78560, AW769647, AI886198, AA127472, AU145687, BE544105, AI283345, BF975564, AI955286, F06042, AA484162, AI952720, AI631162, N67918, AI079789, BE676885, BF194840, BE675342, AA836769, AA169276, AA411497, AI918869, AA176782, AU144908, AA676616, BE169513, AU167113, AU156113, AA455720, AA974654, AA613926, AU132707, AA363162, N63379, BF214670, AF300335, AK021751, AL162068, AF086080, AL359197, AL135818, AL133153, M86667, AP000426, AF002992, AC079844, AL078605, AF062594, D12618, X61449, AX015397, T89645, T89919, R21871, N28359, N77065, AA034244, AA044935, AA255453, AA522823, AA730326, N88852, N89408, AA206598, AA421361, AA441853, T10506, Z30218, D20412, AI365165, AI582493, AI610068, AI678881, AI696407, AI700088, AW083757, AW088874, AW518451, and AW519098.</p>
HADFS31	681	104038 8	1 - 3839	15 - 3853	<p>BG163477, BF970569, BG108453, BG054547, BG113286, AW854245, AI307808, BE073174, AW611910, BF056065, AL533547, BF672443, N41320, BG171055, AW954910, AW959075, BE644771, AI703292, BE872388, AI469372, AI566092, AA602303, AA393055, BF030410, AI445560, AA131931, AI951484, AI972988, AW085169, AW341588, W01556, AI494498, AW387794, AI911847, AW451929, AI141578, AA131930, N39095, AW073488, AI560000,</p>

AA68244, AA133472, BE672449, AA603061, AI088722, N70848, AA889060, AI521674, AW057639, AI094990, AW026385, AW387884, N35020, AI038106, AI620290, N71126, AI801708, N47801, BE789012, AI393673, H11819, AA058539, BF694471, AW854184, N34391, AA148777, H10245, H17932, AI866150, N57531, W06838, AV716837, AA417714, AI867900, H08011, M78274, N45028, AA830221, AA513232, AA057060, AI537013, Z42925, R65634, AA152297, H10196, H11742, AW663352, F05489, AI912940, N30704, BG254715, AI129217, R47453, AW207747, R51265, Z39045, R51266, R38430, T24056, AA385388, Z44843, F01755, F03814, R12858, N48451, R67015, F05474, C01600, R42298, AL533502, H07915, R16350, AI214345, AI365625, AA412728, AV742175, BE391171, AI753488, R36084, AV703785, F01735, AV762430, BF847612, BE968744, AW471092, AI310787, BF805088, AA758131, AW194077, C06046, AI872000, H27788, AW969743, AA315361, BF854308, AI890324, AA483606, AA318411, AA570740, BE281645, AV743462, BE893315, AA385250, AW835708, AA629412, AA424249, AA600132, AA515728, AA515138, AA568204, AI612142, AA760655, H90844, AW512113, AW328446, AF214680, AC009079, AL355530, AL132713, AF129756, AC010412, AC004840, Z98304, Z95152, AC002316, AF165926, AC006130, AC004448, AC007637, AL353701, AL050140, AC000026, AL096700, AK023664, AC005323, AF047825, AL035400, U52111, AB029020, AL049779, D87675, AP001629, AC002306, AC005282, U91326, AC006538, AJ236701, AC005746, AP000347, AC008078, Z97876, AC011479, AC002544, AL365505, AC005585, AL049766, AC008764, AC006241, AC007786, AC010463, AC005747, AC005874, AF134471, AC000050, AC009060, AL391114, AC004965, AC005052, AC004531, AC011811, AC005391, L48038, AP001052, AL354750, Z98047, AC005722, AC004997, AF003626, AL031774, AC004491, AL121601, U47924, AC010150, AL135927, AC007227, AL121928, AC002115, AL031228, Z97985, AL117336, AC009756, X68303, AL031286, AC002059, AC008556, AC006271, AC005832, I34294, AP001752, AL139100, AX039602, AC007934, AC025588, AC009516, AC004999, AC004621, AP000555, AL031772, L78833, AC011444, AC006312, AL121983, Z97054, AL080249, AF038458, AC020906, AL033529, AC006452, AL109825, AL139384, AL022162, AC005004, AC004887, AC020916, AC008920, AL117337, AC005013, AC004752, AC005527, AC002538, AC002301, AL096870, AC005237, AL033383, AC010311, AC005081, Z84466, AF111168, AL121771, Z84480, U63312, AL136419, AF111169, AC006345, AL353653, D88270, AC008569, AC007739, AF186194, D84394, AL031311, AL135839, AC002553, AD000092, AC016995, Z93930, AC005920, AC005480, AP000353, AL158040, AC005523, L34079, AC006262, AC011470, AC007993, AC002394, AC003688, AL135744, AL163249, AP000338, AC005932, U95740, AL034423, Z83844, AL136179, AC007366, AC003070, AC020663, AC006084, AP001748, AL022163, AC006433, AL035462, AC002464, AC007055, AC004230, AL122020, AP000692, AL132639, AF116548, AL096703, AC004846, AC006441, AC005529, AC007686, AC008543, AL390209, AC020908, Z92546, AC004922, AC003982,

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HJBDC89	682	104056 9	1 - 1435	15 - 1449	AW953446, BE792468, AI051989, AU128893, BF220324, BE549353, AW956873, AW009905, AV751585, BE251103, BF973368, AI310510, AA703004, AV751891, BE973862, BF033333, BF197271, AA910262, BE266993, AW411419, AA890707, AI339233, AA887323, AU151115, AA306175, AI200470, AI033882, BF035058, AA641095, AA652477, AA679821, AA593627, BE883034, AA082991, AW675300, AL157587, AA083148, R52335, BF087892, BF197102, T64853, R52334, BF674548, F09900, T08457, AI719735, AA356384, F12274, BE874556, BF444928, R94927, AA580037, T72595, AA652284, AW473407, AA309035, AI721010, BF525686, T08456, BE168731, R95011, AA593585, BE164522, AI358215, BE169297, AA588306, AW815166, AW815109, R21419, AW167476, AA506721, AI984330, AA642882, AA933907, F09641, AI984620, H17612, AV725813, BE380051, AL135371, BE886923, AW439106, AW953295, AV722866, AA862969, BG163790, BF212074, BE870915, R37033, R66798, T65164, BE566121, F15256, AW815164, AW614319, BF064228, AW001817, AA724375, R42976, AI092698, AW338411, AA365565, BF431158, AA365564, AI767448, BF739231, AW959721, BF221927, AA889202, AW815163, AW501169, AA350822, AA593964, BF954327, BF090088, BE160156, AW795832, R48126, BF960610, AA779908, AA045537, D86724, U82256, U75667, AR018045, AL049779, U90886, AF032466, U90887, AF045964, and AF045963.
HTAIX75	683	104059 1	1 - 756	15 - 770	AL520854, BF128615, BF525816, H48321, H17689, BF376847, H17759, H09891, BE830948, BE830958, BE830973, AL524180, H09234, AL524181, BF999727, R12299, Z42268, AL520853, T85877, Z41861, BF829713, BE705874, AW351575, AW375132, BF772521, and AK024423.
HODBO29	684	104062 0	1 - 896	15 - 910	AI885067, AI688253, AI570457, AV764603, BG163869, T16332, BF309856, AW406353, AV690861, AV690628, AA227293, H18458, R35332, BE260548, AA151176, AA161419, AW404488, AA243390, R58860, BE312401, H29205, W80943, W02919, BF541769, BE741045, T34002, H84560, AI572320, W32649, AI907827, T16948, BE246518, H18566, AA447824, AA113191, AA126138, AL008726, X86032, AF014404, AR016567, and AF124264.
HOCOF27	685	104063 1	1 - 851	15 - 865	AU118514, AL046707, BE018880, BE336668, W92272, AA778077, AA280361, BG035941, BE791807, AV686562, AU119701, AU117950, AA367397, AA476844, AU117738, BE378986,

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HSPSE88	686	104069 4	1 - 1201	15 - 1215	AL522502, AI580032, BG167858, AI814672, AI523542, BF085511, AW248591, AI673372, AV717115, AW249030, AA706791, AW069122, AA552495, AW009843, AI887757, AA702426, AW967585, AI522483, BG119838, BF084804, AI819028, AI769618, AW004998, AI003971, AA004715, AI767828, D51209, AW028878, W52965, AW514974, AA769293, AI525127, AA837168, AI285801, W25980, AI039059, AW771651, AI525128, AI311076, AW602162, AI869745, AA677218, AI813376, AI567875, AA618513, AI022994, AI052487, AA854146, AI266735, AI301548, AI832231, AI290695, BF084849, AA480013, AA934722, N26737, N20194, AI075621, AA668848, AI336515, BE139312, AA250959, AA670215, AA005144, W60442, AI336632, AI344914, AA705145, AI254375, AI590516, AI963828, AI318582, BE139400, AI583883, AI420764, AI590506, AA084523, AA483679, AA214591, AA250936, AU157618, BE857751, AI318600, AW407012, AW088623, BF002850, W26823, C06455, AV735834, AI241622, AI886710, BF055934, BF735232, AI318622, BF054864, BF718700, N29095, AW075037, BF055923, BF718706, BF718780, BF718679, T31522, AI250134, F29530, BE090812, H50863, AW023092, AW271291, AV745255, BF818430, AA856884, BE827076, Z30135, AV745621, AV686960, BG105965, AV688067, AV745595, BE708176, AV746034, H65158, AV750475, H50864, AV745496, T16485, AV745590, H53754, BF340024, H53806, BE905806, AV746420, BF813703, BE465282, AA120927, AV745583, AA385893, AV745257, N34624, BF346625, AV740255, BE258692, AW953410, AI675235, AL036612, BF084807, AV746037, BE905887, H65110, AI796558, BE905886, AI929637, AV745706, W28921, AV736646, AV737270, AL522501, AA309808, AV745991, W28285, BE764455, Z24835, T30568, AW189684, BF346696, AU138453, AA577951, AW189724, AI470855, AV739283, AV735293, BE092913, BE092992, BF332686, AW304361, AV745534, BF303636, BF332689, BE092904, BE775213, BF791676, BE139142, BF085484, AA367501, BE092923, BE645740, AW071427, AA211065, AA478966, C01872, AI281641, AI828980, AA811793, N55933, AW271045, AI280091, AW118844, AI583843, BF677954, AA742247, AV745203, AI902771, BF130510, BF818366, AA804918, BF754682, AW019940, N86733, AA199628, AI000664, AW613495, AV745710, AV646906, AI500514, AI537643, AI537677, AW168406, AW051233, AA583730, BG029829, AV747873, AW075484, AI872555, AW162194, AW073996, AI621341, AI352326, AI540759, AI927233, AW827289, AL514973, AI469801, AI470648, AI540674, AI573167, AI254341, AI589428, AI700159, AI564448, BF033296, AI620810, AI859991, AI590020, AI225000, AL513913, AI758309, U82130, AR040684, AR070431, AR040683, U52945, AF060867, AF060868, X82319, AF260436, AL359620, AL157480, D00174, S36676, AF113694, I09499, AF260566, AK024533, AK026021, AL137560, AB044547, AB047930, AF177401, AL389935, AL050277,

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HSKXM78	687	104082	1 - 858	15 - 872	BE778880, AW816011, BF959875, BF512759, BE697738, AW994684, BE697734, AW993955, BE879998, BE697706, AA248841, BF836641, BF902690, A1251783, AA196706, BF904841, BE843972, AA337691, AW805127, BE925951, BF092498, BF900617, AA393948, W87655, BF376916, BF954313, BF960296, BE938584, BF768665, BE886093, AU125354, BG031978, AA358761, BF920575, BE084190, BF885474, AJ242978, AK001550, AK025060, AJ132702, AC008114, and AC007551.
HNLMB92	688	104091 3	1 - 802	15 - 816	BE395284, BF688969, BE619433, BF688497, BE619955, BF034699, BE793692, AU132971, BE394828, BG251090, BG036941, W80994, AV701506, BE407112, BF972848, BE265852, A1879010, BF725090, A1929509, AW954089, BF316261, BG117117, BF970435, AW161416, AV721738, BE728687, N56607, BF183092, BE392873, BF205782, BE274940, BE385584,

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HE8ON57	689	104092 5	1 - 564	15 - 578	AW016248, AW027466, BF110174, AL537615, BF205424, BG163867, BE294995, AV685072, AV694867, AL532813, BF791966, BE280531, BE019871, BF689588, R58479, BF683953, BE252149, BE745812, BE538062, D80087, AW376826, AW376819, AW848374, AW376824, AW848735, AW848234, H11901, AW578354, AW578356, AW848720, BE274355, BF969663, H58623, BE008928, AV707901, AW377761, BE543151, BF881008, W21607, T59768, BE392889, AW849075, BG105010, BE742244, T61979, AA150795, AA318803, and AK026004.
HOCOC14	690	104093	1 - 1639	15 - 1653	AL518928, AL518929, AL523989, AL522922, AL520654, AL530234, AL525704, AL524660,

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HOGDP49	691	104104 9	1 - 1506	15 - 1520

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HACNG39	697	104287 1	1 - 2643	15 - 2657	BE295251, BF211438, BG259285, AW605332, BF245251, BG024797, BE960649, BF001660, BE777696, AI023405, BF247618, AV757662, BE535927, AI935498, AI753474, BG168313, AA576731, AI291183, BF184164, BE645540, BF213682, AW978050, BF185485, AA651934, AI332970, AW964504, N93177, AV761496, AV746073, AA306945, BF976584, AI248959, AI969858, BE065478, AW134934, BE348809, BE670751, BE069964, AA723673, AV746184, AI701803, AI690231, AI458621, AA581555, C14765, BE081895, BF103998, AV659543, BE826616, AA314554, Z44692, BE826679, AV659457, BE065649, BF104080, AI214389, AI686437, AA210772, BE826622, BF744493, BE178557, AA211901, BE826675, AA913621, H88669, H88717, BF669286, BE826587, AA319556, BF239475, BE826727, AI949282, BF976657, AW991320, BF215566, M85859, BF744495, AW139513, BF155900, BF995407, AW952648, AI914255, AA805905, BF155925, BF086654, H62000, BF949624, Z40535, W38799, AA747536, AV735442, BF086490, BF155935, AW593250, AA805907, BE168266, BE081597, BE168139, AA806666, AW503203, H14413, AW105432, BG177087, C00951, BE890260, AK026264, AL137100, and AF161349.
HETKL27	698	104295 1	1 - 2939	15 - 2953	BE871328, BE541917, BG261034, BG036667, BG255133, BF038357, BE873193, BE180561, BE870717, BG178811, BF036564, BE180564, BF036793, BE565590, BE870823, BG254223, BE380025, AI457792, AL045790, AA046853, AA046815, AI091603, BG254687, AW170087, AA806214, BF208582, BE537632, BE379942, AW340447, AW674405, BF815085, BE018642, AW965573, AL037729, BE693303, AI660614, AI491885, BF038191, AA173971, AA315096, BE566251, BF184027, AI608598, AA928074, AI800279, AI624127, W60935, AI910856, AA427513, AI885528, AW275960, AI803402, AW139374, AW440556, AW780300, AA131801, AW176253, AI418267, AI018145, AI493121, BE714193, AA969373, AW130864, AA580219, AI561113, BG036684, AW748181, BE379602, BF243233, AA682266, AW612944, AI624003, AA493636, N95222, AI805412, AW007263, AI683016, BE538582, BE766499, BF107388, AI309126, AW338522, BE564698, AI570951, AI923647, AW674984, AA772541, AI270322, AA451669, BF381179, AA131851, AI566235, AW630088, AW197566, AW235160,

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HPCTH04	699	104327 3	1 - 773	15 - 787	<p>BE440067, AW957907, BF792137, AV710116, BE787279, AV756404, AW975886, BF980918, AW162258, BF245603, AV758665, AV755823, AV764462, AV755303, AV758135, AW238582, AV716426, AW160756, AV714958, BF970488, AV757995, BG255745, AV728886, N21225, BF795243, AW277034, AA315827, AW163166, AI879273, AW160671, AI193989, AI815810, AI653621, AI878869, AV763087, BG179019, AI183438, BF245191, AU123014, BF211110, BF794865, BF130180, AI025263, AI376154, AA890417, AA725363, AI950786, AW673042, W72065, AI186443, AI130009, AA314090, BG256170, AA025694, AI620256, AW675273, AV715102, AV731990, AA155944, AA155915, BE615464, AA854822, BF129830, AI085185, AA946632, AA527675, AI338726, AA810660, AW078638, AI620253, BG027655, AI150174, AA045052, AI748968, AV712551, BF028467, BE788217, BE777464, AI074312, AV717529, BG251381, AI022373, AI039750, BF032134, AA677618, AI879657, H21222, AI933023, AI559208, N77546, AA263054, AA772033, AW957831, AA045051,</p>

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HOCK85	700	104335 1	1 - 1204	15 - 1218	<p>AL522398, BE379481, AI684596, AI806645, AI740521, AL522397, BF979808, BE676017, BF219893, AI806153, AI708422, BE385400, BG026011, BF967022, BE903619, AI459163, AI735380, BF686729, BE795411, BE792637, BE729653, BE796144, AI963624, AI765617, BF686098, BE378350, BE410801, BE387712, BE394936, BE563046, AI983340, BF790660, A W075958, BF103704, A W051428, BE387637, BE785127, BF796437, AI589173, BF981752, BF475777, AA576788, A W339112, BE903675, AA602549, BG180099, BE390336, BF791383, BE731101, BF527875, AA887659, BE799685, BE514640, BE905330, BE866748, BG031579, BF790445, BE388199, AI762362, AI937378, BE537734, BF210184, AI879981, BF979273, BE387838, BG180256, A W517324, AI140258, AV717051, A W675434, AA936513,</p>

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HVVBM94	701	104353 2	1 - 1177	15 - 1191	AI675414, BE513230, BG165117, AW151946, BE005897, BF513409, AW949890, AI095584, AW298180, AW994567, AI871918, AU155489, AI377209, AA031514, AA975518, W52564, AI565078, AW189257, BE006124, BF326740, AW474563, AI922822, AI758884, AW469327, AA987674, AA908398, AI679314, AA908479, AW583104, BF821302, AA828906, W31903, W60256, W39266, BF752616, AA528246, AA977868, AI570763, BF820829, AI920871, AA970839, BG231217, AW338549, BE813072, AW997682, AI696789, BE003179, BE813073, BE814859, AI962006, AA344350, AA299556, AA910725, AA299411, AI219260, AI921665, BF748812, AW998873, BF834292, BF838850, BF089337, AA031513, AW998770, AA887197.



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HVVBC43	702	104355 3	1 - 2938	15 - 2952	<p>AUI130242, AUI29999, BE275366, AUI141996, AUI130671, AUI24936, AUI131860, AUI124408, AUI130616, BE794591, AUI132634, BE869666, AUI42773, AUI43058, AUI131940, AUI130500, BE894047, BF792145, AUI130422, AUI29764, BE869866, BE260035, BF968633, BF034746, AW574699, AI660687, BE777892, AUI131830, BE876494, AUI132441, BE408497, AA582930, N31917, BG165262, BF542087, BE542062, AUI127284, BG026988, BE882726, BE294863, AUI127887, BG165609, AUI129360, AUI127616, D44737, AUI127681, BF816410, BG105746, AI755150, BE049267, BG106449, AUI151026, AUI129215, BE972348, AUI154131, BF093815, AA921821, AW874087, W73129, AW962589, AA584426, BE779393, AUI152380, AA625864, AW130487, AUI128793, AUI152533, BE614473, AW675649, AUI152582, AUI153498, AUI152234, AI271652, AUI152425, AI566494, BF383044, BF525753, BE897930, AI673802, AUI150181, BE396218, AUI151380, AUI152054, AUI153524, AUI153962, BE788995, AA999916, BE613867, AUI160214, W72959, AI291880, AUI151839, AW847871, AUI159404, AI334958, AA633073, AUI150147, AI571272, AI609813, AW062542, AI587276, AUI153591, AA599609, N20255, AI095377, AA598634, D44706, AI281894, AA995048, BE247530, BF447181, AA868315, R51176, AUI159998, BE140632, AW845056, AI858431, AW337440, AA972582, H25615, AW129362, AW513961, N33461, AA076122, AW403237, AW673297, BE396194, T03846, AI242507, N49412, AW243720, BE614099, M78947, BF941190, AA935847, H24389, AW204045, AW515528, AA928820, AA027101, BF883996, M78797, AA776266, BF928855, AW408795, BE677916, AI659830, AUI149919, BF732229, R99137, M85359, BF219027, AW057795, AA774404, H61385, AA776238, AI375971, AI262460, HI1165, AA665529, BF933722, T03848, AA653597, H58329, R54367, R54368, AW393906, R93193, BE931966, AI520701, R11108, AI139930, AW806583, Z46202, AW960292, F05574, Z41826, H25208, BE536265, H48437, AA076225, BE245969, AI244509, AW393905, BG056878, AA775438, AA928889, AL044756, AA776341, AI902676, AI283641, AW769688, AV751484, N29153, AI002774, AA358914, AA303417, AW806733, AW393882, HI7943, N62525, R51059, R01677, AI536689, HI1077, T03850, AA368289, AA449395, R93289, AI300648, H25569, BF241826, R02617, N42702, AA356956, BG001482, AA319797, HI2532, AW372207, AI358902, D44752, AI909855, AW205117, AI174491, HI7158, AW078514, H58718, AI368605, F01841, AA094440, AUI125424, AA369119, D82686, AA599570, AA325933, AW958020, N56450, Z45626, AA249356, N49515, T35118, AA304923, BF676621, BF982665, BF820825, AW189778, BF095814, AUI149088, U95140, Z68321, AB000468, AF169300, AF022081, U95141, Z68284, AL035633, Z68322, N79423, AA485207, and AI440069.</p>

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HVCBC44	706	104463 5	1 - 1177	15 - 1191	AL519186, AW419048, AA100804, AA121287, AI911097, AA502311, AI075431, AU128651, BF083756, AW089948, AW132123, AA100952, BE466029, AW083432, AA488316, AI990554, F28643, AU156613, AA741512, AA731380, AA731382, AA207032, W79581, AA731381, BF059144, BF059729, AI655521, AI655502, AI808218, W79780, AI970106, AA251012, F37179, AA262868, AW439007, AW589846, AW439035, AA730238, AI640142, AA329792, BE799812, BF813785, BE868398, AI559734, AW087255, BE791631, AW750380, AV704162, AA252138, AA242847, AV704313, AF226667, AK024070, AK023549, AK025654, U49385, AC004087, and AF086422.
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HSODA53	708	104474 1	1 - 1993	15 - 2007	AA488860, AW118663, BF679533, AU157678, AW968930, AA488937, AW502897, BF949789, H91281, AU138611, AI174822, BG251769, AI911406, AA319438, H13953, AV723659, AV723812, BF379751, BE781989, AI138991, AV724029, BF680401, AK024359, AC005495, and AF119885.
HE9ML74	709	104476 0	1 - 2109	15 - 2123	BF973550, AV703947, BE735983, AI141536, BE177941, BF111296, AW960419, BF593246, AA716179, BE538079, BE672999, BE899473, AI638212, AI769556, AW972475, AI963758, AI761109, AW576535, N24244, BE502221, N49976, AI890512, AW607778, BF686370, BF061544, AA88851, AV727854, AI204229, AI492301, BF965554, AI399665, BE464401, BF906460, BG150554, AI684997, AA397545, AW452929, W58540, BF724940, AI308244, BE048924, BF957204, AW994200, AW167166, AI032858, BE541283, AI990115, AI191763, AV719539, BE813538, AI687674, AI356174, AW237523, AW237513, W05191, AA825680, AI628442, AW051464, AI955375, AA446754, BF934288, N45103, AI768999, AI623958, AW604370, AA844351, AW072581, AA877508, BF964485, BF326688, AW967467, AW272007, AI434348, AV649740, AI991466, BE813583, BF326690, AI367528, AI419248, AA757020, BE813608, AV649840, AI769025, AA112631, AA441882, AI990676, AW937758, AW885989, N31202, H12678, AI457681, BE176156, BE843670, AV709716, R53677, W58506, AA923689, BE086457, AA113334, BF438757, AI632857, N28982, AI917528, BE176253, AI357469, AA432070, BE176150, AI241039, BF091010, AA730921, AV691901, AI969586, AI391527, BE176080, BE176039, BF893922, AA630054, AA761119, H75496, R23846, AI584086, AW194837, H05294, BE813411, H05344, AA732634, AA305435, AA353992, AI244139, AA385220, AA513775, BF858939, AW999931, H98911, R63556, AA844045, D62444, AA251162, AA334217, AA441821, H68149, AA399063, BE001143, N74346, R12743, AW198016, BE001204, AI867622, BF963511, BE088866, R39795, AA251128, AW409654, BE088700, BF822863, N72430, BF339136, AI474839, AI499364, BE172967,

HPDRB76	710	104476 2	1 - 3729	15 - 3743	<p>C00849, AW798975, D79370, R53565, BE176215, BF310902, R63511, NS2755, BE176152, BG012729, AA860414, BF326699, AI026093, AI829446, AA513776, AI453716, AL110222, AK024847, AB032957, and AL121999.</p> <p>AB005622, AL519058, AL513611, AL519059, AL529375, AL532483, AL525289, AL529374, AL526549, AB005621, BE274852, BF982898, AU125970, BE622992, BF796408, AL513612, BG106187, BG034879, AL526367, AU128506, BE897919, AU133789, AW968284, BF965878, AW409718, BE275712, BF791733, BE617862, BE789855, BG178771, BG258108, BE408698, BE896160, BF686705, W05712, BF309732, AI923372, BF694788, BG028726, AV688212, AV691606, BG033618, BE540959, BF679745, AI762781, BE617406, BF037845, BE885892, AI361029, W95848, AI089780, BF036880, BE785363, BF241381, BE301944, BF984223, AW192519, AI082053, BF195946, AW327951, AI683326, W02312, BE296841, AI217910, BE208446, AI423184, AW170457, BF948889, AI082059, AA315835, AA628941, BG120646, AI744437, AV653540, N39056, AI653453, W94951, AU150788, AI057594, BE782892, N36102, BF211911, BF432772, AW001561, N48248, W60626, AA789238, AI472150, AI183431, AI268418, BG106759, AI913193, AI625729, AV735137, W60627, BE909357, BE895991, AU154985, AI150225, AA029868, AW072811, BG030191, N73085, N31137, AI625935, BE468023, AI367260, BG178198, AI758701, BF211840, AI691042, AI968738, AW956547, BE785015, AA706232, AA873148, AA281272, W56310, AA831365, AW241427, N69937, AW241485, AA429410, AI436052, AA689532, AA74576, AW013970, N41726, AI129695, AA954718, AA429457, AI612726, AI337986, AI672852, AI188847, AI041266, AI024764, W42834, AW304081, AA857427, W76138, W23563, AA126802, AA259087, AW965470, AW514066, W05439, AI813834, W96133, BE858752, N98402, AA507981, AA745068, AA037072, AA121379, AW731880, AI018474, BF435085, W56456, BE694795, AA036958, AA598936, BF432261, H09730, AI018407, AA962630, AA773937, W56426, AW440750, AA043877, N39058, AA406074, AW058561, BF149112, AA824556, N44108, AU119157, N21122, BG057814, H10488, AW440768, AW996949, AI598269, AA112260, AA719556, AA781363, BF209642, AA315392, H20077, W60534, W56311, W60556, BE206569, AA877673, AL121231, W31644, AI949712, R81197, AW243211, AA628877, R87173, AW589397, AA602997, AI658880, AA825924, W56353, AA494332, H87565, AA629343, AI659961, AW167307, BE542553, AI339381, AW192520, H09696, AW193684, W96132, BF844933, BF239292, H93440, BG031200, N98614, H66652, H81871, AW883387, BF037979, W24238, R37464, AW884472, AA962473, AI079581, AA996224, AA825584, AI826389, AI420920, AI269305, AW080050, R53826, AA205450, AI159792, BF382871, AA599040, R48985, AV684456, BE833359, H01702, AA689475, H96126, AI199477, AA514855, AK023758, U54645, M16225, AF056332, D90280, AI035411, AL020995, U39945, U84371, AB020202, M16224, D90069, D13061, AI133249, AL121652, D90067, AF076633, E04317, AJ012288, AF055917, AF003737, T39695, T70955, T93340, T94018,</p>
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HSYDI55	711	104476 9	1 - 1576	15 - 1590	AUI36917, BF205289, BE397937, AL531689, BG169850, BF975130, BE220494, AUI38732, BE540278, AW954061, AW956739, AI796023, BF205443, BG171279, BF857500, AA164517, BG171303, AI699703, AI268056, BG166578, BE813909, AI265884, AV713795, BF447802, BE139089, AI458243, AW136662, AI472328, AI440050, BE500953, AI858271, AW511531, BE046481, BE503455, BF591012, BF195935, AI476281, BF222795, AI694704, AI445711, BF115624, AI610309, AI927962, BG166246, AW339786, AA971085, AA708922, BE503272, AI421319, AA465255, AUI56932, N49590, N67740, BF091626, AI914058, AI274909, AI190112, D20733, AW188089, BE789377, AI858737, AUI57726, BE275478, BG256465, BE813963, BE220862, AA857052, BE936270, AI217103, AW379725, N49070, AA383123, BE551639, W86964, H60699, BF573578, AI040284, AI762085, R51650, BF432031, N31773, AW273437, BF091557, BG178271, BF056174, AA769783, AA812984, AA383124, AA661899, BE242063, BE241787, R93782, AW304171, N56201, AW139929, T60662, T64969, AW615368, AW002388, AI341196, AW594520, AW664816, AA465147, BE972735, BE548258, H98958, AI308213, AI364564, AA984765, T57763, AI769568, AW612305, BF748531, AA603698, AA827085, AI638355, AI190529, AI364456, AI420514, AW301000, F37231, F24191, BE207700, BF439061, AV682063, AI569188, AI784377, T25055, AW996932, AW407523, AA279845, AW991326, AI699592, BF904839, AA812498, BF109474, BF222718, AA535238, BE814080, AK001954, AF151819, AF257318, AF263364, AF263293, AL049597, and AB007960.
HOGCI31	712	104482 1	1 - 917	15 - 931	BF973454, BE727445, AL531039, BG115169, AW969042, AW206059, AA700020, BF968627, BG114062, BF432198, AW957238, BE537060, AI672358, BE326492, AA916774, BE003525, BF980402, BE003532, BF684794, AUI51013, BE003523, AA699619, AA827289, AI024492, BE043951, BE206364, AUI52265, AUI58148, AI032726, AI208858, BF973606, AI375573, AA725543, AA287974, AW510399, AA693821, AA770210, AI240892, AI824282, AI684175, AW362905, AA426229, AA525966, AI049580, AI334247, AA262040, AI032993, AA291268, N59203, BE328503, AW383419, AA291339, AA504437, BE064374, AW273123, AA767810, BF350525, AA626831, AI188629, W45184, AA993418, BF446920, R60802, AI524794, AI797031, AI796476, BE747743, AW779035, W42659, AA782458, BE741947, AA203299,

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HNOKX86	713	104489 3	1 - 1022	15 - 1036	



HTPHG81	714	104511 7	1 - 2100	15 - 2114	<p>AU124431, BE700940, BE700869, BE700936, AW960435, BE061069, BE908235, BF870875, BE772035, BE700861, BE772040, AI903097, BE700876, BE840628, AI700395, BE700938, BE700862, BE700873, BE700945, BE700943, BE772042, BE700937, AW390483, BF525944, BE842730, BE842726, AW582015, BE772099, BE700941, AW514159, BE700904, BE772053, BE772066, BE772082, AA781090, BE772081, BE818958, BE818955, AA305705, BE772059, AW170237, AW965129, BE772019, AW581975, BE840457, BE830929, BE772101, BE818964, AW339256, BE840434, AW820559, AI079309, BE772020, AI140441, BE700851, BF849721, H70004, BF359589, BE832289, BE700898, AI905362, AI022857, BF091071, BE927455, R11344, AW517983, BG012510, AI903834, AI401014, AI379419, BE842723, AI434349, AW673336, BE818962, AA719006, BF439588, C15468, AA703354, BG010792, N50989, BE772047, BE772018, AA574083, BE836162, H69547, BE772074, BE818915, BE170135, BE840445, BE772086, R09631, BE772015, AI251845, BE772087, BG011742, AI243536, T63151, AI983670, T63006, R06603, AA889063, BE772017, BF110884, BE830923, AA565124, AW868068, BE830919, AW752129, AW868069, AW674579, BE818892, AA731490, BE818951, R14845, AA344670, R07438, BF738252, AK027078, AL117402, AB007936, and AK001249.</p>
HPCTV49	715	104537 9	1 - 576	15 - 590	<p>BG105380, BF969874, BF791362, BE294238, AI708983, BE562951, AA639261, BE905959, BF205851, AI817372, AV735170, BE797554, BF245538, BF983670, BF679415, BF239185, AI277914, AW951784, AV744259, BF972333, BE378677, AA196003, AA158111, BG112886, AI199301, BE336876, AV726412, BE539723, AA211640, BF211561, AW884452, AI114687, BF718736, AA614365, AI199303, AA196119, AA669012, AA211585, AA961699, AA191452, BE382522, BE564019, AI369878, AW024386, AI088810, BF210300, AA928043, AI186091, BE395743, BE866704, AI199158, AI803530, BE395559, AV735419, BE206116, AI356575, AI083939, BE881084, AA548552, AI476158, D56069, AA669359, AA724190, AI347760, AA872509, AA147830, AI278100, AA192651, AA070828, AA782902, AI815655, AA070056, BE866200, AA192676, BF212031, AA610321, BF678688, AI879955, AA923683, BF969895, AI224845, AA564302, AW130508, AI434457, BF962151, AA503189, BF948015, AA910390, AA158110, AV742633, AV744698, AI878958, BF964919, BE311727, AA308438, AI863146, N95018, AV745283, AI344806, AA112888, AA186678, AA526631, AA847739, AA602428, F26539, AA938523, AA083874, AW074943, BE958153, AA316417, F17706, AA099735, AI038843, BF956344, AA146746, AA506417, F26205, AV739187, AI801282, AA146747, AV739630, D52869, AA192987, AV746403, AI540297, AI149112, AA385291, T27780, AA664835, BF573989, AW262292, F28424, AV745990, F22200, AA644540, F27688, AW973119, AA531375, AI475222, AI906360, BF676400, AA533539, AA773178, AV744177, T64019, BF211310, AA373881, BG030785, BF574629, AV681847, AA580408, BE877175, AA669013, AV696866, D54115, AA224280, BF667957, BF216797, AA244162, AV728485, BE044954, AA650377, BE908110, T23953, AA317596, AA729652, AW629957, AV726694,</p>

HHGDK68	716	104546 4	1 - 2166	15 - 2180	<p>BE879336, BF973194, BE893004, BF966445, BF970436, BF726573, AA531497, BF675723, AV757788, BG030280, AV739389, W05120, BG251629, AI434476, BF667990, AA508125, BF438523, AI347759, AA244348, BF304032, AI308004, AA805835, AI086743, AV728779, AA742574, AA482814, AW161717, BG116152, AW087292, AA736808, AA181201, BF103555, BE903896, BF203568, BF792029, AW674166, AI815888, F37383, AI459861, BG036190, BG251619, AI815610, BE252780, AA747094, BF026505, F37651, BF107085, AW374197, F25779, AI433368, AA312002, AW161107, AA737303, AA747961, AA804727, AA609798, AA593362, H11182, AI879930, AA314662, AI720199, AA315040, AI972724, AW473234, AA230318, AA308431, AW517646, BE619510, AA654990, AA737300, AA602125, AA665278, F26833, AA483676, AI492728, F30366, F32525, F31553, AA603378, AI139099, AC026753, M15661, AB000910, Y09537, M19635, AC009464, AC005550, AC010620, AB000425, D11336, U01925, U78027, AL035422, Z98950, AC009006, U58105, AC004938, AC007022, AC004383, U50715, N94490, W23940, AA074303, AA508651, F15545, F17253, N87535, AA092246, AA585159, D19893, AI312208, AI318119, AI340665, AI583459, AI611386, AI611485, AI611527, AI802813, AI802812, AI928748, and AW073619.</p> <p>BE798466, BE792763, BF346161, BG036648, BF526672, AW192876, BG252976, BE727584, BG170636, AW080555, BF037480, AA402705, AL134722, BE314754, BF308128, BE727937, BF127508, BE792403, BF726123, BF314842, BF308283, BF087321, BE904611, BE878196, BG121014, AW581299, BE891151, BE294909, BE260835, BF149225, BE717224, BE314875, BE178816, BF829778, BE547480, BE270117, AW965542, BG118314, BF993933, AW239476, BF794695, BE735034, AA190652, AU137393, AA001309, BE907465, BG113926, BE349269, BE394869, BE540323, AI954586, W27225, AW965053, BG001604, BF949350, AW205949, AW960687, AA150308, R84546, AL079805, AA694546, BE885039, W19862, AL121458, AI022854, AI248653, AL134491, AA446496, BF330245, AW965553, BG105907, T74129, AW381633, BE542634, R54939, R87563, AW381629, H62448, BF736424, BF800312, AA494125, AA257958, BF876904, BE185001, R89018, F10003, AI525827, AI248651, F12386, AA336044, BF876147, BF127687, BE938879, AI272279, AW368711, T98060, AI828030, AI033792, BF530645, AI553819, AA335778, BF822637, AW381921, R49754, AA989589, W94106, AI872969, BF350448, BF094932, AW341300, BG167299, AV745913, T07757, AW885323, AV745597, AA402270, AV746103, AV745861, AV745528, AA317574, AV745699, BE793577, AV745572, AV746148, AV746342, AW379710, AA737996, AA112442, AV746343, AA725084, AV746240, AI421429, AW593611, T51370, AV746205, AV746234, BE185002, N90052, AV745556, AW589825, AI056996, BG149674, BE504468, AW583157, H55323, AI811332, AW873526, BF434326, BF983596, BE140525, BF433696, AW806797, BE140530, AW806769, BE140537, AV745604, BG056109, AL020993, L37043, AB024597, AB028736, AB042192, AB028241, AB042191, AF242536, AR063944, U29171, AF183394, M76545, H62438, and H55078.</p>
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HNOKM38	717	104550 0	1 - 5155	15 - 5169	
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HHF0N47	718	104584 2	1 - 4688	15 - 4702	AA902536, AA978337, AA987914, AA988294, AI000298, AA486127, AA668808, AA757820, AA843183, AA854478, AA854526, AA860453, AI040515, AI041303, AI122560, AI147695, AI302206, AI369219, AI202087, AI436416, AI439578, AI401595, AI401644, AI128583, AI183279, AI184390, AI203834, AI636225, AI695566, AI948621, and AI951035. AL118822, AU120116, AW269317, AW235710, AW949780, AW835591, BE885389, AW385523, AW368195, AU136378, BF672321, AW949772, AV647327, AA020767, AA805651, AI133211, BF790480, AW611834, BF678033, AA533280, AI934341, AI129264, AI623210, AW117432, AA032025, AV728387, AI761894, AW835672, AW804652, AW368145, AW835676, BF575294, BF241005, AW501351, BE207839, AW835756, AI148094, BF673972, AI754312, AW118039, AW118031, AA056300, AW302578, AW673464, AA741269, AL040731, AI080261, AW501352, AA047451, BF449051, AI076275, BE547656, AI168388, BF701512, AA825450, BF696195, NG9536, AA733179, AI372863, AA644402, H79608, R86224, W00822, AW339691, AA773699, BF701693, AI032486, AI343746, H79607, AI168384, R84852, AW592904, BE907830, R59102, AA017282, BE744773, AI863708, AV732392, AA830217, AI247995, T74357, AA083799, AW955352, H86635, BE536679, AA113340, AA773860, BF029973, AA317438, AW748183, Z25042, R98711, BE084828, BF086229, BE930149, BE930157, BF086233, R98935, H86640, Z28740, AA047508, Z44414, F12677, R77563, AI248001, R59103, BF964981, H86386, BF909593, H66174, AA325403, BE695829, BF086234, H72726, R48554, BF987882, H85264, N99687, BE930144, H86547, AA370230, R39409, R77464, M79138, R54000, BF215788, BE958434, AV725256, BF815162, AA768433, R22817, H86552, BE930179, BF343210, BF822505, AI365558, BF343307, H66175, F10288, BF807929, AA917319, H82743, AA777671, R39650, BE930207, H64896, R21203, H83618, H72727, R92960, AA354071, AI052753, AA325917, AW043708, AV657290, AI813384, AW275798, H64897, BF840999, BF343127, BF987880, AI802143, AI659361, AI633530, N77699, AI692218, C01333, AW512682, AI078548, AI373722, BF001516, BF308373, BE409393, AA295269, BE005257, AW387711, AW675785, AI185142, BG055127, BF343973, BE930154, AI589187, AA974704, R86225, BF086222, AI492965, AV732391, N84068, AI334970, BF109219, BE764445, N86911, BF332083, AA911023, AI523089, AA724435, AW771479, AL040732, AW002191, AI040768, AW629685, BE764472, BE246666, AI699869, AI479544, D79918, AI268089, AI129110, AA031914, AI433888, AI344749, AI962683, AI984242, AI261676, AI401253, AI245165, AW470003, AA020768, AI982771, R29471, AI274493, D63477, and D16924. AW630624, AV689396, BF847954, R13365, Z45071, AV688500, AJ000534, and AF036364.
HNNTSV18	719	104599 5	1 - 491	15 - 505	AI261617, BG252364, AI963829, AI857990, AI431824, AI632752, AI590245, AI953341, AU150524, AA888092, AW300119, AI797786, AW969008, AA194057, AL516571, BF111123, AL516572, AU150299, AI436657, AW080248, BE219089, AI149239, AI891112, AI073870,
HWHGU08	720	104613 7	1 - 2859	15 - 2873	

					<p>AW188694, AA663489, AI262316, AI188545, AA233725, AW131231, AW275906, AI217741, AI151260, AA136199, AI311481, AA448884, AA857577, AA362710, AI991404, AI678447, BF982221, AI149241, AA232531, AA770403, AI364963, BG110915, AW512180, AA808382, AW068128, BE336399, AA628392, AI360798, AI670814, AW848655, AW848450, AW959114, AW294554, AI631802, BF432569, AW848183, AW848591, AW848550, AI635883, AI359390, BF197148, AA838810, AA854733, AI356684, AW051445, AA513423, AW376675, AI816895, AW848598, AI830293, AA889216, AA845645, BE675184, AW848189, AW468079, BE675761, AI819478, AA129248, AI889124, AW848852, AA679597, AI538752, BE242315, AI922646, AW376657, AW007023, AA927982, AW165989, AA496715, AI831597, AW848523, AA918282, AI873444, AA639779, AA768903, AI802109, AA810255, AI381214, AI984461, BF890937, AA503063, AW848795, AW390112, BF891023, BF896816, AA772589, AW583936, AA603947, AW874495, R41181, BF891117, BF891035, BF941508, AA889371, AI571429, AW074692, AA627192, BF886865, AI699080, AW376696, AA904346, BF967798, R45505, R24536, AW581780, AW073135, AI934151, AW150563, AA262180, H04419, AW079470, BE695176, AI830272, R24641, AW376640, AA345408, BE695186, BF891364, R16667, BE379709, AW364968, N87220, R28439, AA504103, BE004361, AW169582, AI621369, BF697952, C01309, BF381903, AW750637, AW752630, BF129835, W72318, F17821, AF118395, AK024802, AF006516, AF118855, AL161450, AJ277074, AF260262, UI7698, AF001628, and U87166.</p>
HE6CRI9	721	104617 7	1 - 1191	15 - 1205	<p>AL527780, AL327781, AL519895, BF684507, BE728826, BE732828, BG033941, AL519643, BF195663, BF026407, BF440019, BE781977, BF440052, BE778879, BE780875, BE780848, BE387517, BE563797, BE778881, AL519894, BE736231, AL519642, BF036674, BG105762, AA127810, BE960859, AV759501, BF725812, BE782483, AA639784, BF213309, BE779179, BF667921, BE877161, AI088520, BF593734, AI984009, AA035465, AW173349, BF679234, AW162019, BE513040, AI453530, BE675483, BF681153, AI719084, AI719711, AW575396, BE440008, W52852, BE390815, N34255, AA643698, AW160399, AW152523, AI342341, AI361959, AA121482, AI336152, AI887169, AI954927, AI142474, AI953987, BF239121, BE254564, AA088249, AW051781, AI359968, AA922338, BG254402, AI609114, AI144474, AI143580, BG025562, AI127719, AI685961, BF939832, N25654, AA120783, BG054734, AA455701, BE300789, BE784090, BF036389, AI493197, AV751872, AI337879, BG170723, AA507014, BE883738, BG252431, AI467977, AA830816, AI087247, BE253888, AI040901, AI978624, AA832498, BE276608, AA024762, BF972946, AA976499, BG254889, W80466, AA181577, AV711565, BE904995, AI291251, AW239079, BE876001, BE380086, BF516510, AW151050, N30499, AA132426, AI188805, AA120782, AI950951, AA045679, AW304280, AA865206, BG165235, AA910216, AV721356, BF028243, N33152, BG255156, AV734719, AW055058, AI680538, AI423011, BF691779, AI302349, AA974887, H74189, AA648271, AI149371, N23533, AA176232, BF111041, BE463645, AW390100, N79791, AW337755,</p>

HE9EJ82	722	104685 6	1 - 698	15 - 712	<p>AI680260, N34854, AI190500, AA505915, N89904, N79707, AA831991, N42142, AA938653, AW407963, AI983698, AA974414, AA312807, H70394, H84952, N21267, AW055150, BF182781, BE280989, AA723429, BF217992, AW953806, BG113179, R20300, BF697509, AW152458, BE874970, H73369, AW079935, BE834190, BF701098, W60079, AA857060, AV725874, AI354756, AA846240, W76420, N43927, AA455649, AA176320, AA876647, AI631124, BF084806, AA740167, R97376, AA887421, BE739243, BF971153, W19497, AA687553, BE543360, AA836918, AA505366, BE739508, AA570008, H79944, AI189939, AW261898, W31972, AA574162, BE964765, BE894109, BF726887, AW407596, AI873685, BF244338, AI573053, W72663, AI538660, AI362342, R99236, BE961088, AA024761, BF741937, AA654253, AV737407, AA302225, BE866570, R07414, AW044054, AA837569, AW517926, W80575, C00198, AW439161, AA305409, AW439165, T69791, AW198013, AA132425, AI349594, AA182911, F13802, T70776, BF666742, H73299, AI301991, AW439156, AA743522, R99001, AA307572, H80110, N89901, BF033829, N56317, AI784471, AF151028, AL358777, AL024498, Z98752, A74520, T89607, T85051, R43641, R97377, H73965, N62759, AA035464, AA467792, N56343, AA708668, AA779494, AI244847, AI206671, AI811438, AW002325, and AW439162.</p> <p>AI264167, AW024384, AI805143, AL528716, BG176833, AW188479, AL515117, AW316653, BF978676, AW468539, BF220255, AW151268, AI660059, AI884397, AW083210, BE866994, AI857495, AL528715, AW083845, AA492597, AI183391, AW103944, BF972455, BG231692, AW247328, BE967211, AA044722, AI192356, AA155851, AI951000, AW954615, BE546302, BF345334, BE904786, BE887942, AV699862, AI127249, AI445073, AI087041, BE622662, AL515118, N92603, BF036604, AI857493, AA434308, BE741571, AA576070, AI300862, AA412005, AA524752, AI683151, N52268, AA993030, AW001923, AA055695, AV747912, AI080731, AA130480, AI434530, AI801301, AI307431, AA115961, AI612157, AI344752, AI198498, AA084354, AA872949, AA527933, N50030, N89917, AI002849, AI349158, BE046190, H27858, AI445684, AW574666, AI308038, AW591757, BE874691, AA181084, AA494207, W38769, AW073576, AA760954, AI076897, R11530, AW270393, W02683, AA833912, AI610933, AI126708, C75128, AA564733, AA834042, AI570039, BE619739, AI199906, AA479661, AA552405, T03363, AA578826, AI318567, AA812622, AA508099, AI066707, BE892061, BE905303, AI274403, BE301812, AI762529, AA244143, AI291785, AW075097, AW408246, AI291798, BE747408, AI250873, W90686, AW074529, AI950523, T29477, AW472719, AA602326, AI674354, AA694448, AA618563, AI216558, AA416905, AA358787, AA164194, AI749612, F36797, BG111256, AA705144, BF761489, N72919, AI254726, BF207259, AA885864, BE839977, AI274575, AW950543, AI093111, AA427770, AW245476, F33231, AA397569, AA622229, BE313059, AA614511, AI184775, AI749710, BE839987, BE839838, AA328240, T52766, AA678126, AW079415, BF183458, AA399530, AA977965, BE742136, AA357104, BF360273, F22057, C06188, AA357102, R96895,</p>
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HRADC23	723	104698 0	1 - 327	15 - 341	AU126881, BF983814, AI557307, AK001343, and AB023206.
HODHS68	724	104713 7	1 - 2288	15 - 2302	<p>BE792114, AL534348, AL534349, AU124491, BE562397, BE730315, BE744720, AU121103, BE741883, BE794040, BE798051, BE902365, BE734769, AU138176, BE250049, BF313678, BE274812, BE616156, BE791884, BE743514, BE792079, BE899195, BF663485, BF337566, BF026377, BE512749, BE729142, BF970574, BF974320, BF311538, BF343802, BE791179, BE794696, BE967223, BE732083, BE735292, BE891114, BE740517, BE876949, BF663556, BE612746, AW953708, BE899109, BF316276, BF220113, AU123329, BE855899, BE907314, BE261130, AU138135, BE250022, BE280747, BE388938, BE514266, AU139275, AU139772, BE617604, BE207133, BE614858, BF568538, BE646559, BE269929, BE512850, AW009368, BE407831, BF967992, AI127417, BF127578, BE304393, BF027687, BE391369, BE390191, BG180845, AV727024, BE389618, BF204525, BE896693, BE407376, BE858244, AU138529, BE891905, BE272012, BE385611, BE388055, BE398168, BE729753, BG055002, AI174970, BE269924, BE277405, BE252867, AU124535, AI745604, BE269570, BE884489, BE267965, BF967269, BE789154, BE390973, BE255883, BE253680, AU139847, AU122058, AW249536, AU135396, AI816428, BE391850, BG261416, BE743657, BG027907, AV734566, BE315559, BE730574, BF034659, BE904702, BF971755, AA837518, BE901600, BE884643, AI333777, AW960014, BF304373, AI754405, BE268246, BE387151, BF364911, BE293615, BE389505, BF436344, AW953707, BE277342, AV722757, BE254088, BE616947, BF435115, AI088783, BE389938, AI017341, W73293, BE382443, AI147213, AW960003, BE313512, AI815488, AI391611, AI687490, BE251116, BE301958, AA054638, AI978906, BE840536, BG231617, BG179142, BE208839, BE388273, AA481724, AA461067, AI762506, AA481485, BE931983, AI161029, AW072033, BE898683, BE293820, AW182359, BF681691, BF207095, BE259061,</p>

AA1188625, BF219880, BF155692, N21640, BE720638, AW069631, W73238, BF970217, AA311057, BE389980, AI066650, BE855747, AI081964, AW316842, AA429031, BE857563, BE394169, AW023435, BE562038, N52163, AW418678, AA496780, BF090365, AI090204, BE677045, BE385324, AI885101, AI016096, AI246228, N30905, AI188263, BE876627, BF091259, N33541, AA489159, BE840439, BE090196, AW960610, BE410706, AI189311, AI523320, AI264252, BF929247, BE740645, BG236073, AI498755, N23821, N36391, AW021658, BE391517, AI032633, AA805527, AI082191, BE574528, BE293639, AI754248, AW007166, BE390217, N26501, AI039590, AI126855, AI061177, BE613212, AA976459, AI937917, AI140456, AI885404, H96584, AI361000, AI200432, AA995066, W94866, AI375797, BE276398, W23462, AI393171, AI079801, AI031798, AI168236, AA084368, CI7499, AA599882, AK000826, AF119891, X93499, AX013198, X12535, X89650, Y13361, AK024417, AI162009, AK026136, M35522, AF050175, U44104, AF286535, AF050174, Z22474, T41237, T49365, T49366, T52494, T52573, T53095, T92375, T72624, T72694, T81377, T81378, R14901, R18863, R32401, R32402, R35379, R41223, R47838, R49680, R41223, R49680, R60220, R60454, R62777, R62778, R68279, R68347, R68558, R68602, R69984, R69983, R70049, R70099, R70110, R70111, R73016, R75787, R75788, R77741, R81163, R81162, R81802, R82737, H00591, H01475, H01574, H02329, H02431, H03133, H14206, H14205, H17129, H39723, H39768, H38506, H44544, H44543, H47922, H48101, R83597, R83749, R86347, R87499, R88197, R88544, R88545, R90857, R90896, R92428, R92517, R92794, R97827, R97878, H56353, H56358, H56352, H57277, H57276, H57291, H57292, H61391, H63424, H63481, H63622, H69522, H69529, H69984, H73434, H77487, H77488, H83444, H83552, H87182, H87516, H87517, H87687, H92814, H95169, H96705, H96877, H98704, H99090, N22193, N22209, N23816, N24271, N24594, N26093, N26550, N26694, N26849, N26959, N27238, N28881, N29394, N31558, N33151, N33740, N34613, N35554, N35658, N35664, N36733, N41454, N41520, N44266, N46127, N53144, N56769, N58578, N63694, N67629, N70259, N70715, N71234, N73095, W01103, W33194, W37260, W45114, W80436, W96012, AA034507, AA043679, AA043680, AA081531, AA088213, AA121263, AA121474, AA129984, AA157916, AA157917, AA158844, AA160027, AA160981, AA161468, AA160609, AA199850, AA199923, AA227520, AA233408, AA252257, AA258678, AA460495, AA425847, AA429245, AA224790, AA228371, AA228360, AA259238, AA470411, AA490334, AA490442, AA502402, AA525787, AA535596, AA548548, AA552917, AA558406, AA565116, H63574, H69977, H75564, H92813, AA600897, AA614009, AA721476, AA731273, AA738063, AA806152, AA808086, AA811700, AA826452, AA833982, AA847464, AA848042, AA877387, AA877989, AA862492, AA909842, AA935369, AA948405, AA976796, AA991878, AA991882, AA999948, N92137, N99615, N99851, W02323, W04194, N87352, C14063, AA641344, AA081101, AA090154, C15260, C17157, C17928, C20569, AA093238, AA160980,					
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HOPKT59	725	104716 9	1 - 1993	15 - 2007	<p>AL538267, AL538268, AL536316, AL519069, AL518089, AL515220, AL519068, AL534091, AL518090, AL518720, AU118653, AL513972, AL516932, BE396428, BE561425, BG030683, BG168170, BE902101, BE889741, AU120625, BG258226, BF969760, BE881362, BG109328, AV715166, BG031962, BE560577, BG170701, BE271235, AV697227, BE563297, BG110584, BG033319, BE778261, AV687629, BF793338, BE867409, BE537748, BG028050, BF968668, AL518719, BE779869, BE899369, BE868440, BG034796, BF795452, BF794003, BE535885, BE536946, AI114609, AV683224, BE908653, BG170806, BG028857, BF790207, BE888202, BE176437, BE252802, AV682238, BE790123, BE884131, BE886162, BE383007, BG026597, AV648458, BE780464, AU121530, BE785759, BF317433, BG165377, AV723872, AW246426, BF102623, AW246676, BE790083, BE894533, BE621952, BG168808, BE780001, BG260764, BE176464, BE560381, BE781301, BE895718, BE542076, BE268194, AA861515, AU127224, BE866204, AL536315, BF219209, BE547995, AL134953, BE536554, BE893450, BG251870, BE537883, BF665254, AW574534, BE397344, BF130962, BG117986, AW951780, AW961790, BF665393, BF213508, BG036975, BE909591, BE393351, AI057535, AV695128, BF243084, AA640788, BE565377, BE893448, BF667482, BF241609, BF382787, BE882314, BE548460, BE966884, BE623002, BF669327, BE567045, BF030561, BF382276, AV648438, BE566531, AL515219, BE271127, AW026704, BE768761, AI890350, BF094514, BE539503, AA478931, BE779052, AA788718, AW085632, BE958103, BE910474, BE566183, AW020966, AI754764, AW027875, BF212113, BE301928, BG120145, BE939321, AA705802, AA669341, BF341741, BF431052, BE163541, BF699060, AI525599, BE566933, BF246771, AI565691, AL516931, BF668817, AW291598, AL518721, AV648187, BF028376, BG035478, AI371145, AA564341, AU126239, AI924037, AW089712, BG179942, BF594063, BE257258, BE909857, AA315150, AW474730, AI348106, BF034401, AW511476, AI913311, AI128178, AI582889, AI498850, AW789326, AW630868, AI278005, AI667879, BE271121, BG025633, BE221459, BF340121, BF377699, BF804951, BE858659, AA315129, BG108412, AV648349, AA620387, BG259842, BE542108, BE785934, BF591540, BF525858, AA599830, AW072545,</p>

				AA306949, BF185423, AV721132, BE885656, BE696023, AI394470, AV648473, BF697442, AI242725, AA315180, BF513245, AA452042, AI928158, AI439252, BG117531, AA226852, AA961717, BE779864, BG257951, AA029261, AI092261, AA314865, AW895687, BF799993, AV719009, AW129635, AW438776, AA669052, AW592303, N34877, BF248259, BF215232, AA553865, AW887852, BE888259, AW513238, AI818504, AA641925, AI014636, AI476084, AA976935, AA190593, AI628836, AW103384, AB024935, L24804, X56465, AF153479, L24898, Z69891, D17252, T49166, T49165, T65853, T66008, T89324, T89960, R17154, R21213, R70503, R70595, R71266, H04315, H04358, H09340, H09401, H17054, H17669, H79737, H79738, N27408, N28922, N43951, N45482, N47755, N49509, N56868, N69773, N79898, W04533, W19882, W31413, N91285, AA057824, AA081094, AA081252, AA082727, AA100363, AA100462, AA112604, AA128363, AA128539, AA134832, AA136097, AA136167, AA142973, AA150645, AA169382, AA220929, AA223345, AA226775, AA484705, AA515102, AA555220, AA564606, AA564662, AA564974, AA583026, AA605265, AA613044, AA627802, AA569842, AA730356, AA810347, AA857876, AA878595, AA908406, AA911607, AA916879, AA989160, AA989481, AA995616, AI027565, N83746, C01572, AA641880, C16109, C16166, C18315, AA205060, AA205071, AA649635, AA652031, AA216548, AA216747, D11955, AA443803, AA447171, AA452759, AA600219, AA634009, AA665997, AA666159, AA905431, AA978187, AA938907, AI039553, AI049867, T11323, T11431, Z25231, T18525, F08662, F00300, F13427, F13638, F09162, AA774001, AI262523, AI273111, AI276292, AI282480, AI285547, AI301109, AI339677, AI346025, AI366831, AI201532, AI453442, AI433340, AI434200, AI434806, AI440418, AI440108, AI417925, AI469727, AI471345, AI500561, AI420265, AI572913, AI573121, AI583568, AI127852, AI624505, AI625532, AI628259, AI240616, AI205574, AI538346, AI689521, AI701931, AI784425, AI830629, AI862765, AI874072, AI869436, AI887941, AI890361, AI912024, AI914795, AI916694, AI917969, AI951317, AI932425, AI933236, AW073119, AW074210, AW130436, AW148541, AW150593, AW269341, AW271512, AW272866, AW189128, AW292590, AW304088, AW337672, AW474507, AW512611, AW513381, AW515176, AW516280, AW517082, AW517809, AW591241, and AW630426.	
HMCFK45	726	104721 2	1 - 1013	15 - 1027	AL521763, AL521762, BF792361, BE261099, BF526380, AI986196, BE889615, BG256168, AI921080, BF527738, BF058408, BF685525, AW129664, BF665973, AI889328, AI720586, BE778576, BE263619, BF681436, AV764474, BF527915, AL534665, BE727439, AI494337, BE043924, AW304856, AW245895, AI334063, AA878881, BE778413, BE047261, AI937111, AW005094, AA046873, AA236621, BF794030, AA436426, AA587338, AI131298, AI150026, AI264608, AI039900, AA209292, AI689537, W44562, AI033606, AA432040, AA708471, AI384070, AA431781, AI460207, AI566174, AI208747, AW245638, BE165650, AI338120, AI075087, AI148620, AA236897, AI003886, AA553372, AI160495, AI860826, N37025, AA588125, BE772371, AA991703, AI860722, BF670021, AW173632, AI031930, AI148963,

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HPIAN63	727	104738 1	1 - 923	15 - 937	

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HNSME49	728	104740 3	1 - 1283	15 - 1297	AL523562, AL523563, BE378573, BF206213, BF975035, BE741172, BE731890, BG169379, BF312271, BF056266, BF684218, BF204109, BF974071, BE275663, BE616390, BE266413, BE251848, BE312782, BE395951, BE738719, BE616657, BE782523, BE562006, BE394175, BE281417, BE395250, BE385799, BF699117, BE393978, AW161930, BE280885, BE266301, BF212649, BF797676, AW327483, BE383915, BE392818, AA522682, AI879343, BE207213, BE407786, BE738153, AI927308, BF684140, BE278833, BE278348, AI887795, AW157569, AI720383, AW168022, AI189980, BE267205, AW078785, BE385795, AI745650, BE786772, BF515375, BE389083, AW341049, BE779313, AL037204, AW249997, AA280809, AI621091, BE047746, AW161588, AI381975, AI879723, AI803074, AW022517, AI985130, AA476629, BE769360, AA679795, BG034061, AW163444, AI763315, AI936543, AI866527, AA583868, AI694596, W26865, AW016826, AW515140, AI685799, AI224558, AI382901, AW238803, AA076232, AI968250, AW241422, BE514362, AI825161, AI214277, BF939583, AI203033, AW602826, AI962655, BE272870, BF934247, AW207092, BE252620, AI370488, AI206860, AW377597, AA076233, AA602981, BE551059, BE765181, AI682531, BE765007, AA280861, NS0855, AI611693, AA805491, AA757347, BE378176, AW378754, AW007634, AV712854, AL525708, BE765158, AA449158, AA928507, BF092051, AL121780, AL121900, and M90309.
HWEAC64	729	104747 3	1 - 709	15 - 723	BE618503.
HOCQI51	730	104748 3	1 - 1694	15 - 1708	AL526732, AL521724, BE898418, AV729573, BF037796, BF034373, BE549240, BE396381, AV726692, BF974647, BE397839, BF528776, BE513516, BE513533, BG177494, BE513961, AL521725, BE559679, BE781919, BG179481, AW016879, BE312441, AW027739, AW960345, BF000603, AI937001, AW006300, BF000621, BF223444, AW665359, AI984913, AW732370, AW027749, AL526698, AA514389, AI420117, AI376011, BE268873, AW044304, AW170680, AA927748, AI805193, AI597781, AW083552, AI285216, AI380507, AW965544, AI955084, AI131407, BG121860, AI921290, AW573286, AI220811, AW467548, AA335820, AI860832, AI567117, BE675325, H20004, BE297532, AA805985, AI497610, AW196701, NS0962, AW580605, R89359, AI685370, AA463330, AI675238, BE397659, AA305422, BF247434, BE909347, BF087638, AA948600, AI749405, AA954980, AA720818, T72734, AA313736, AA352987, H81154, AA613712, AI917200, H20005, BF874291, BF690826, AI971540, T83260, AI174354, BE241897, AW467675, BF915871, AA927279, AW572779, BE269418, AA157946, AI910070, AA157109, BE241698, AK000437, AB034912, AB034911, AL136528, AB031234, AF235000, AI9553044, and AI991519.
HOPKE15	731	104763	1 - 1513	15 - 1527	AL523829, AL523830, BE748885, AU123670, AV718375, BF797141, BF568841, BE887723,

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HMAEL73	732	104764 6	1 - 2558	15 - 2572	<p>AL532426, BE279744, BE386143, BE893884, BE315356, BE409326, BG036503, AW967111, AW961024, BE395210, BG163373, BE882916, BG164806, AI532425, AW205627, BE715432, AW519019, BE879585, AI829143, BE888360, BG119756, BE326884, BE349200, BE646191, BE787868, N57477, AA402175, AI052349, AI338603, AI494300, AL449727, AW965679, AA861385, W93399, AA643939, AI148517, AA609481, AA782461, AA305901, BF950214, AA860606, AA397690, AI494301, AI193064, AA127902, AI609156, AL449728, AI310400, AA603477, W27291, AI292350, AI186245, N47622, AI248335, AI017696, W92807, BF818795, AI188548, AA399037, AA723059, AA169582, AA056679, AA729892, AW384923, W92846, AA399076, AA778601, AA412051, AA086075, AI242362, AA976896, BF109039, AA086074, AV708868, AA843552, BE715430, AV709683, AW892880, W35189, AA044042, AI201884, AA351819, AA056575, AA317955, AI246351, AW379151, AW242255, AA338497, AA411984, R67339, AW006538, AA534373, AW379194, AL449527, R66505, AI247477,</p>

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HNOKE42	733	104766 3	1 - 1458	15 - 1472	AL537309, AL534923, AL538147, AL514646, AL518134, AL534922, AL515144, AL514938, AL537739, BF798047, BE779102, BG110531, BF794729, BE882547, BF311527, BE784081, AL518133, BE898001, BF038322, BG122138, BE777792, BG112262, BF983614, BE885503, BE907779, BE619105, BE875113, BF312594, AW385985, BE177539, BG028156, BE868250, BE870956, BE872233, AL514645, BG109955, BF670395, BF346910, BG168710, BG026197, BE780520, BF983531, BF797061, BF339680, AL538146, BG169331, BG028740, AI129342, BF725462, BG171543, BG252293, BG249056, BE887341, AL037611, BG105682, BE888335, BF035037, BF818006, BE885648, BG164156, BF528550, BE257521, BG031713, AI802026, AL514937, AI983543, BE778562, BE882490, BF061647, AI990763, BE892035, BF965918, AL037610, BE541114, AI652540, BF316618, AI000619, BF744480, BF059626, BE536045, BF925139, BF801724, AW750023, BE895920, AA232766, BG255779, AI905957, BF342272, AI365054, BE261410, BF371935, BE702478, BF367977, BF349486, BF371940, BE142967, BF371926, BE768197, AI126461, AW934913, AW803204, AA232632, BE789515, BE255672, BE251893, BF354308, AI424726, AW934911, AL515143, BE142794, AL037608, AI393617, BF382938, BE768236, BE768129, BF358546, BF361194, BF358539, BF371904, AA913112, BF371898, BE768201, AW751701, BE004342, BF371894, AW176051, BF371900, BF358544, BE767990, BF371892, BF744337, BF744338, BF371879, BF888166, BF358573, AL537728, BF354309, BF746402, BF888256, BF358575, BE834218, BF747016, BF907582, BF371930, BF746494, BF887422, BF888144, BF746493, BG027152, BE767988, BF358579, BF358537, BF368667, BF358577, BF358572, BF746409, AL537639, BF358561, BF381335, BE160864, BF990698, BE047805, AW948956, BF371953, BF371862, BF184327, AL531930, BF309803, BE774413, BE768168, BF358557, BF367961, BE744496, BF746405, AA366622, BE768071, BG150224, BF744334, BF368642, AV726854, AW953059, AW748718, BE873784, BE379011, BF887417, BF911134, BF747018, BF371922, BF371961, R35559, BE548241, BF371889, BF747019, BF747022, T09118, BF907637, BF358578, BE543886, BE774162, BF747017, R44882, BF333533, AW057993, BF445006, BE467280, BF108461, AA420782, W26640, BF907640, H79330, BF887425, BE768196, BF907641, AA470498, BF358582, AW674592, BF356716, BF243408, BF377229, BE964054, AW948865, BG000044, BF972193, BF380438, BF948002, BE768097, BE881355, BF335554, AV729326, AA093128, BF355537, BF382440, BF380435, BE768099, BF371863, BF037905, AA155819, BF333429, R41146, BE768088, BF986234, BF358563, BF362106, BF838633, AA913547, BF371901, BE536145, BF371868,

HOFAB31	734	104767 0	1 - 208	15 - 222	BE768103, BF371856, AF116272, AB041651, AF155654, AF090922, AF176646, AF095791, R34232, AA508194, and AA249393. AI718967, AI066500, AI191408, AA970891, W16766, AI074219, BE697102, BE174216, F25014, N45385, BE697153, AA465517, BE697155, BE933955, BF125263, BE279614, AA602119, N94010, F32882, F26209, F25830, N98860, BF890754, AI934901, N77808, AA528414, BF910925, AI338326, AW088372, AW102799, BF082865, BF446895, BF910923, BF940764, BF940090, AA320204, BE407862, BE880623, AA768215, AI151192, AA788658, AI150785, C03969, BE880657, AI302844, AA725287, BE274216, AL038871, BE250832, AI350125, AI568272, BF184324, AA983392, BF025668, AA525200, BF690188, AA977031, AI093521, AI580262, AI720008, BF982252, BF982387, H97078, AV757870, BE280265, BE746297, AI313204, AI626036, AA526171, AA877563, AI144433, AA934574, AI079769, BE537552, AA573686, AA639915, BE336619, BE621249, AA574008, AA976783, T51767, AA492272, AI189510, BF689799, BE621639, AI281422, BE070317, BE270062, BE206770, BE731365, BF726456, BF792623, BG179454, W70094, BF314551, AW804011, BE514138, AI926973, BE278145, BE279378, BF949692, BG104162, BG104416, BF594000, BE252445, BG116305, AA845331, BG033879, N75412, BE795222, AU159719, AI279463, BF210737, AV742989, AA568387, AI201886, AW768247, AA526497, AW084218, AV712368, BE385906, BF239254, AW731911, BF035862, W05113, BF184184, AW955528, BF686583, BE314818, BE275317, AW970035, AW970026, BE298305, BF025789, AU122825, AV645751, BE384271, BE885135, BE735322, BE274738, AI626023, AA315135, AI417313, BF983625, BE906981, BE880936, BG035931, AA642788, AW192600, AW102964, BE252941, BE312467, BF949657, BE719070, AA894481, AA737308, AU122918, AA872663, H93685, AI440105, BF245202, AV758831, AI187012, AA829129, BF238782, BF978001, AA609288, BF037764, AA760958, BE697121, BE409754, BE877422, AW951759, BF026394, AI187043, BE729053, AA448150, AV714599, AI205981, N94451, R77045, BF210261, BE697128, AW514708, BF215823, AI187001, AA578537, BE878700, AA181352, R76883, H20456, AI219168, AI185992, AA614765, AA738347, AA708433, F29053, BF212130, AI984516, BF211261, BE733706, BG107033, BF207675, AA492189, AI869280, R83917, W30797, AA503282, AA781308, BF247001, AI301663, BF673951, AV744514, AA782226, AA448007, H94367, AA771978, AA844201, AA134082, AI984517, AA782267, AA843941, BE259316, AA928994, AI205979, BE939608, AA732966, BF125305, AA508863, AA349148, AW514216, AW161501, BF218574, AI815573, AW513129, AI816249, AI027040, AA962040, AA373789, AI336883, AA081960, AW082030, M36647, Y00764, S61826, and AL122001. AA524368, AI696510, AI674756, BF726517, BE219922, BF115854, BF082289, BF223977, BF082295, BE709446, BF994702, AI653814, AW970760, AI493036, BF082257, AA927734, BE709723, AI742259, AI273298, AI751752, BE179959, BE179828, AW023832, T58856, BF086689, AI335806, AW193944, AW969786, AW387268, AA491635, AI982984, BE812093,
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HMEJA45	737	104784 8	1 - 385	15 - 399		BE292722, BE311856, BE790470, AU077190, BE934813, AL521862, BG171245, AL521861, BF033257, AF091242, AF150754, AF074331, AF173365, AF085144, AF052453, AF160504, AF009615, and AF160503.
HLDAS11	738	104793 7	1 - 2233.	15 - 2247		AL527385, AL527336, AI085594, BE675424, AV648480, AI979021, AI888200, AI888205, AW571478, AW001578, AV719198, BE082789, AA411613, AU151314, AU147730,



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HOCMC83	741	104830 0	1 - 2694	15 - 2708	AL527718, BE727092, BE277284, BE799194, BE383971, BE903316, BG255149, BE269261, AU130997, BE893222, BE409350, BF026446, AW967431, BE278876, AU127743, BE388306, BE296444, BG255006, BE297279, BF026993, AA400211, BE390589, AL037594, AI972516, AU124175, BE261560, BE277082, BE389530, AU129574, BE617885, AA400122, AL527719, BE390249, AA237058, AI923544, AW167897, AI923081, BE297995, AA582199, AU151663, BG179436, AW962854, AA236859, AU128680, BE297707, AW081352, AA599540, AA594981, AA075795, AA757241, AA490530, BE617429, AL037593, BE515229, AI190926, AI420338, AI342628, AI623217, BE464071, BE464072, AW511378, BF061878, AA620310, AI199369, BF923681, AI553839, BF568678, Z44647, AW015643, BG117344, AA311944, AW013951, AA258294, AA918784, AA768625, BE833134, AU155528, AW246032,

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HCFCs40	742	104842 7	1 - 4397	15 - 4411	<p>           BG164191, AL135185, BF983123, AL041280, AV687584, BG250650, BE788908, AV645574, BG115164, BF342638, BE876977, AA702184, BF671348, BG248849, BF351087, AA152030, AW474133, BE539165, BF513442, AW269763, A1962971, AA935874, A1150109, A1554409, AW007775, AW468469, N34238, AA890008, BG169542, AW021321, A1082758, A1922307, A1199306, AA282370, BF248155, BF374008, BE547356, AA037349, AL041279, A1688218, N22419, AA278551, AA406318, A152104, A1367278, A1797211, AA203606, AA258062, AL038734, AL038733, A1089356, AA884389, AA017390, BE930063, AA661741, A1082269, A1770119, A1824725, N31270, AA421935, BF352616, A1027376, AA233026, W39547, AA918822, N25640, BF352611, A1027020, AW876088, N39100, AA911009, AA836812, AA992896, H04053, AW876064, A1002479, R55560, AA970541, AW995402, AA332109, AA806318, AA759257, BF885893, BE177081, AA232852, AA593839, AV697997, AV695832, A1797333, R68540, AV690252, H68957, BF926234, AA485458, N22883, AV734002, AA337924, BF820595, BF926247, AV694870, BF820597, AA384849, W44899, AW241214, H65584, H03366, Z19311, R67924, R55321, T67446, AW243674, BE048922, N70432, AA017389, AW876067, BF759974, R68246, T96801, T96685, AV696911, AW965295, AW876091, BF927515, BF820591, AA376097, BF763395, AA236633, AA994146, AA336479, R36914, BF858626, BF755224, F00568, N48457, AA282020, AA094925, BF735336, T69479, BE714862, BF126700, AW103805, AW799660, BF924148, BE165021, BE542967, BE161951, AX013176, and AC009778.         </p>
HVCAA65	743	104859 5	1 - 1131	15 - 1145	<p>           AL521488, BE794903, AL521487, BE563119, BF311687, BF663525, BF316035, BF972207, BE379400, BE733903, BF969940, BE379536, BG177397, BF663800, BE741051, BF971998, BE729168, BE736783, BF973389, BE745021, BE909578, BE733626, A1660852, BG248225, BE901526, BF974412, BE795026, BG119307, A1417797, BF032519, BE787609, BE535312, BF308375, BE379343, BE897445, BE515175, BF982093, BG034587, BG031389, A1884769, BE873096, AW189946, BE407248, BF439454, A1884696, BE735454, BE265534, BF033418, BG164975, AA779721, BE383460, AW467291, BE892125, BF685536, AA886993, BE410832, BE254532, BE262168, AW964964, BE892855, AW001586, BE536855, BE736274, BE222590, A1224897, BE907203, BE395007, BF432624, AA521312, BE251359, BE620472, A1394546, BE620877, BG256162, A1018808, AA520988, A1951973, BE255086, A1301892, BE392541, BF382865, AW247221, BE545214, AA866196, BE302496, AA594969, A1015226, BE790135, BG112878, AW246255, A1457658, AV709367, BE207409, A1680866, A1185022, AW410905,         </p>

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HSPS176	744	104863 5	1 - 1565	15 - 1579	<p>AL050138, AF271350, AL137476, AF116676, AR083266, AK025339, AK026506, AF260566, AF230496, E07361, AF091084, AB052191, AF218031, AL390154, AF116654, AL117460, AK026630, AK025632, AK025312, AF175983, AK025524, A03736, AF155148, AK026408, AK024524, AF116688, AF118094, AF119875, A1299431, E15569, AF238278, A93350, AL133075, AL117457, AB052200, AX010492, AK026865, AL049430, AL389935, AR011880, AK027114, AF067728, AX042059, AL050024, A1242859, AF113699, AF119865, AK000137, Z72491, AL133081, AK026741, AK026784, AK000083, AF153205, AF155221, AF116649, AL359620, U80742, AF090901, Y07905, AL050393, AF106862, AF090934, AL049452, AJ000937, AK027116, AX019230, AK025772, AF130077, AL133113, U42766, U58996, AF314091, AX026824, AX026823, A58524, A58523, AK026464, AL137526, E06743, AK024992, AK027096, AL122050, AL080074, AK026045, AF225424, AR070212, AL359583, AB048954, AL137538, X84990, AL117585, AF026124, AL359601, AL110221, AF162270, AK026855, AL122093, AL137292, AL122123, X72889, AF130066, I03321, T64397, T73886, H30403, H88512, H88550, N22079, AA009910, AA057747, AA130010, AA143332, AA143203, AA151189, AA151190, AA149027, AA149028, AA190632, AA191161, AA459678, AA459800, AA528411, AA533960, AA635898, AA664865, AA856709, AA991383, N56485, C00840, AA219498, AA219499, AA442637, AA448703, AA719478, AI074118, T25089, AI352380, AI685499, AI695709, AI798506, AI798587, AI873973, AI914791, and AW272968.</p> <p>AL529145, AU133429, BE867986, BG252333, BE271706, BE740302, AU117989, AU120241, AU122034, BE271984, BF203856, BE867492, AU137105, BF303688, BF307688, AI752379, BF244040, AW886218, AW886128, BE833911, BE299053, AI278609, BE868368, AI457850, AA187381, BE742959, AW886280, AW239196, BF233339, AA121094, BE833947, BF869810, AA829366, T76935, BF770427, R21366, BF508501, F13103, BF370227, AA375513, BE909941, AW886183, BF868618, AW177718, W48584, BF035356, AA931695, AA634901, N42517, AW754090, BE244022, W81160, AW089800, U90441, A87005, U16163, L81778, AC000960, AC063976, L81779, L81775, L77044, L81777, AC002195, and L81780.</p>
HVVCH35	745	104865 8	1 - 1309	15 - 1323	<p>AI719545, BF116178, BG248226, BE886380, AW024407, AW081534, BF207082, AW003531, AL044449, BG250696, BE538221, AI885407, BE784939, AI553796, AA613650, AW246550, AI921772, AI673517, AW082921, AI417178, AA490655, AI340075, AI214250, AW263806, AI560048, AA595365, AW960860, AA580265, AW872780, AI360297, AI870293, AI829934, BF036691, AA490654, AI827461, AA857878, BE537572, AI360358, AA846693, AA001318, AA374910, BE314431, AI318298, BE837126, AI085813, AI376538, H27782, BG007963, AW135529, T07218, AA948279, AW074629, AA568231, AA910140, AA297010, AI494449, AW248341, AA953262, AA832012, BF511306, AA297016, AI423518, BF529929, BF244493, AA906871, BE884493, AI383030, AW150846, T30682, AI140575, AW025214, AA001905, AW407144, AW248342, C01279, AW152182, BG181066, AW149925, AI619502, AA911767,</p>

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HOFNI66	746	104873 9	1 - 1445	15 - 1459	AL530216, AL521109, AU142923, AU124020, BE620897, AL530217, AU139055, BE614285, BG249413, AU117715, BF791855, BF792043, BE905897, A1497784, AI079885, A1627724, BG115303, AU136535, AW027189, AI161162, BE620496, BF238205, BF793082, BG115364, BF674174, BF211375, AV655959, A1755104, BE873639, BE274185, BF978983, BG024148, BE909026, BE909886, BE613569, BE179535, BE7165236, BE709660, BF027043, BE255543, BF211390, BF671615, A1858095, BE382569, A1858089, BF698299, BF674668, A1858089, BF679395, BF130367, BE872201, BE564380, BF668512, BE886397, BF686410, BF530535, BF696552, AA88140, BF031198, AA308340, BF668978, BE709627, BE903870, W63800, BF976812, BF672839, AV701080, BF184137, A1299948, AL047241, BF665241, BF184254, AW949833, BF027849, BF209984, BF698050, AW381010, BE179583, BE710076, AU128945, BF240933, BG057708, BF184002, BE886398, BE018338, BF668825, A1609570, BE865979, A1269439, AA541733, BE179848, AU151158, AW173704, BE179837, BF575945, W56342, BE880225, AA400690, BE958179, BF184743, AL048187, A1424970, AA907800, A1637570, BF677814, BF698677, N25016, BE961148, BF243189, BE301821, A1128409, AA455688, BF977839, BF675341, BF206562, BF110242, A1347125, AU160114, BF381932, BF028808, AU157870, BF030745, BE179773, A1309277, AU156768, A1342535, W31858, A1697500, BF132213, BF107247, W37254, A1279003, AA043048, A1284914, AA308417, BE709419, BF214757, AW194139, AW630565, AA316857, A1738894, N31020, BE709376, H98801, AW381028, AW080729, N29020, A1285055, AW263113, A1281272, AA042809, BE180002, BF209075, AA455635, BF030408, AA677062, BE179396, A1888237, BF669378, BE709506, AA053138, AA679690, BE709422, BE180004, N20648, AA630049, BF214514, AA625708, A1697336, BF477504, AA738269, AA984024, AA505758, AW304756, AW168326, A1299638, BE709796, A1886825, BE709521, BF209013, W03507, W39286, A1051020, BE241819,



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HMSKI90	747	104879 2	1 - 3315	15 - 3329	AV719955, BF346320, BE796439, AL040921, AL042905, BE538259, AL135377, AV714931, AL042906, BE541237, AV759046, AV764490, BG032943, AU119532, AV761286, AA330079, AV756726, AW600804, BF826830, BG028665, AW963982, AA577824, AV719941, AU157011, AV760723, BF850080, BF805173, AI054414, AV699393, BE067011, AV700663, BF828714, BF980390, AV764201, BE297356, BF917486, BF876683, BF982222, AW243793, AI791227, AA742815, AW965008, BF901147, AA487475, AI457389, AI061646, AV710705, AI133516, AV718718, BG056362, AI126635, AV722075, BE676158, AA736713, AV719402, BG260565, BG171097, AU117926, BF679792, AU148007, BE867712, AI042282, AI016192, AL041706, AW963473, T07254, AL042310, AA640277, BE883679, AC005066, AL158167, AF067844, AL109759, Z98036, AC007198, AL009051, AL360227, AL138478, AL161804, Z73417, AL049650, AL133163, AC011362, AF198097, AP002535, AC004847, AC018755, AL138812, AL133500, AP001720, AC004448, AL049870, AL132988, AC012467, AL022318, AL358372, AL138783, AC016644, Z99496, AC009169, AC027312, AL121933, AL132708, AC010186, AL121984, AL137793, AL161422, AC020717, AC006334, AL163248, AL022147, AC008701, AL133405, AC007207, AC002981, AC006511, AL035661, AL035411, AC026371, AP001688, AL139395, AC005062, AC004898, AC008083, AL121895, AL031432, AC005252, AL080316, AC006441, AL135783, AC012596, AC001231, AC004609, AC055736, AC019226, AC008555, AL031673, AL034400, AL158141, Z93023, AL020994, AC008551, AL139109, AC000085, AC007151, AL135932, AC006461, AC007385, Z84480, AL035703, AC009414, AC009501, AL031315, AC005280, AL136303, AP002898, AL445189, AL136531, AC009455, AC005901, AL110502, AC004981, AL031287, AC008163, AC034207, AL121574, AL109854, AL078477, AL161627, AL133548, AC019106, AC0073934, AC011310, AL031054, AL137000, AC009039, AL162811, AC009484, AC007365, AL137072, AC006205, AC018637, AP001747, AP001716, AC005840, AC005702, AL136097, AL050321, AF227510, AC005064, AL049712,

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HTXSN37	749	104937 2	1 - 4778	15 - 4792	AL519559, AI519558, AL527064, AL529172, BF526686, BG028577, AW361267, BF968057, AW242432, AI140620, AW511249, AW963605, AI718250, BG251031, AW003986, BE502055, BE743451, BE895620, BG034822, AW962766, AV682376, AI194091, AL527023, BE545462, BF433041, AW262697, AI949518, BE408503, AW298082, AW977283,

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HMUBT31	750	104946 6	1 - 2784	15 - 2798	<p>AL529514, AU117125, AU141494, AU138413, AI065140, AU138493, AU138619, AU137502, BE866979, AW749876, AI065091, AU128037, AW749892, BF971017, N99167, BF212188, AU128304, BF094612, AW074186, AW073330, AI434820, AW966409, AW272690, BF888339, AU129573, BE315355, AU127159, BF110128, BF888340, BE293259, AW119058, AI521964, AA488588, BF970200, BF207886, AL046614, AI261605, AA424119, BE467152,</p>